

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045336.D
 Acq On : 12 May 2020 19:46
 Operator : CG/JU
 Sample : PB128809BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 01:03:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	60902	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	234298	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	175950	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	433365	20.00	ng	0.00
76) Chrysene-d12	21.63	240	394624	20.00	ng	0.00
87) Perylene-d12	24.80	264	444528	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	465179	126.10	ng	0.00
7) Phenol-d6	7.14	99	641955	117.13	ng	0.00
23) Nitrobenzene-d5	9.13	82	408905	79.63	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	321390	118.24	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	941456	78.46	ng	0.00
79) Terphenyl-d14	19.98	244	1690623	93.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	55867	34.078	ng	96
3) Pyridine	3.82	79	130492	25.852	ng	96
4) n-Nitrosodimethylamine	3.74	42	61262	39.618	ng	84
6) Aniline	7.30	93	198556	27.863	ng	98
8) 2-Chlorophenol	7.54	128	160980	40.604	ng	98
9) Benzaldehyde	7.10	77	127782	41.955	ng	98
10) Phenol	7.17	94	220270	40.162	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	151971	34.802	ng	97
12) 1,3-Dichlorobenzene	7.87	146	176808	37.846	ng	97
13) 1,4-Dichlorobenzene	8.01	146	173029	37.170	ng	100
14) 1,2-Dichlorobenzene	8.33	146	166678	37.426	ng	97
15) Benzyl Alcohol	8.21	79	164608	35.822	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	139994	32.660	ng	94
17) 2-Methylphenol	8.42	107	144210	34.079	ng	94
18) Hexachloroethane	9.06	117	67697	38.684	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	133376	34.410	ng	98
20) 3+4-Methylphenols	8.75	107	201490	34.018	ng	98
22) Acetophenone	8.79	105	253683	40.038	ng	97
24) Nitrobenzene	9.18	77	204738	38.898	ng	97
25) Isophorone	9.70	82	383216	36.443	ng	99
26) 2-Nitrophenol	9.89	139	94291	41.589	ng	99
27) 2,4-Dimethylphenol	9.96	122	153941	42.792	ng	88
28) bis(2-Chloroethoxy)methane	10.19	93	211520	38.284	ng	96
29) 2,4-Dichlorophenol	10.43	162	167490	40.321	ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	183274	38.969	ng	99
31) Naphthalene	10.83	128	501453	39.123	ng	98
32) Benzoic acid	10.10	122	80684	30.451	ng	98
33) 4-Chloroaniline	10.94	127	103402	17.298	ng	97
34) Hexachlorobutadiene	11.13	225	122867	38.104	ng	98
35) Caprolactam	11.74	113	33820	20.457	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	200668	41.123	ng	96
37) 2-Methylnaphthalene	12.44	142	377840	37.980	ng	97
38) 1-Methylnaphthalene	12.66	142	359766	38.306	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	211783	37.384	ng	99

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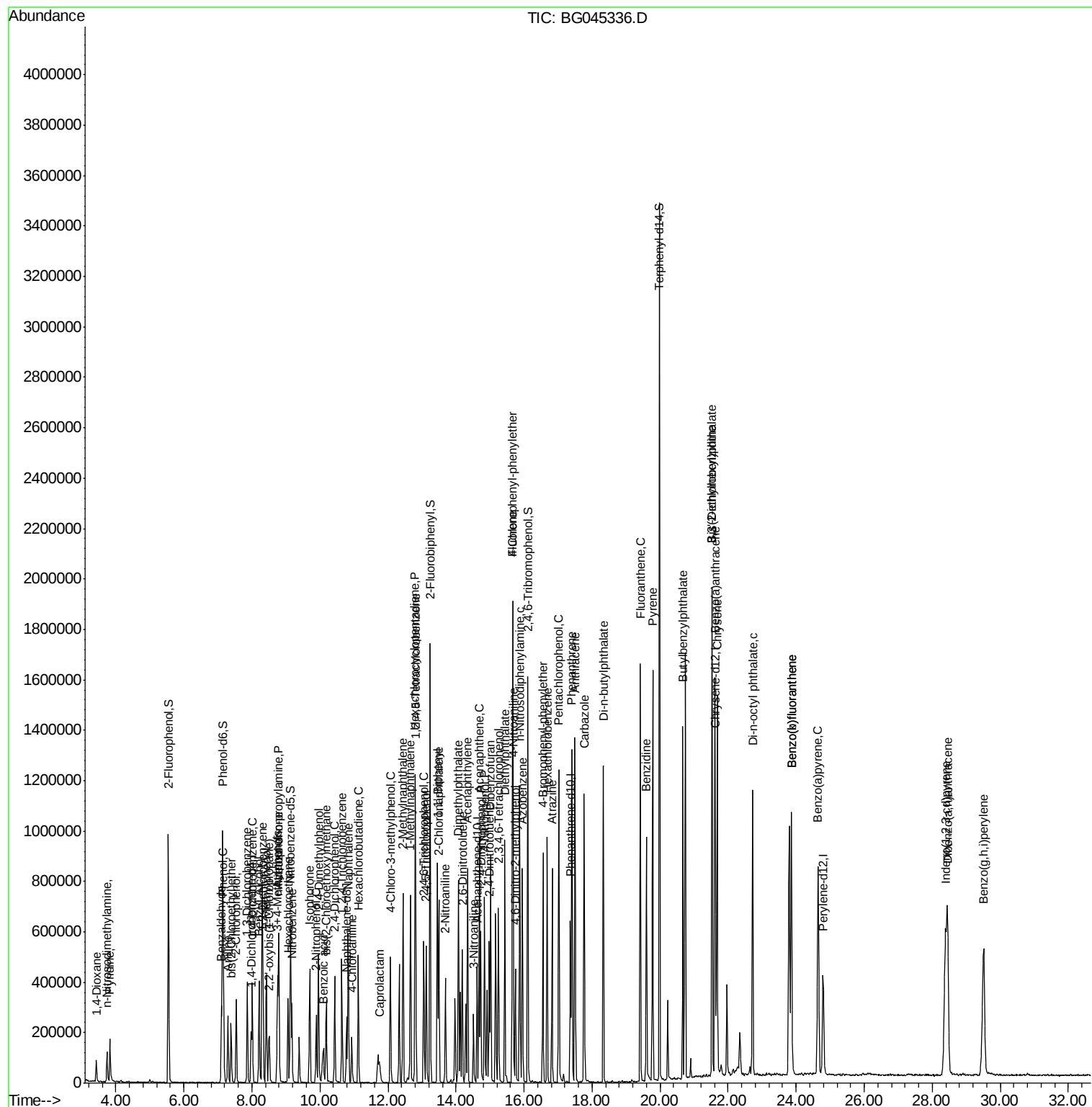
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	290117	81.936	nq	98
43) 2,4,6-Trichlorophenol	13.05	196	153975	38.511	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	165701	36.409	nq	98
46) 1,1'-Biphenyl	13.45	154	485257	36.285	nq	99
47) 2-Chloronaphthalene	13.49	162	375255	36.723	nq	99
48) 2-Nitroaniline	13.69	65	130857	38.921	nq	96
49) Acenaphthylene	14.34	152	648280	38.948	nq	99
50) Dimethylphthalate	14.07	163	540628	37.736	nq	99
51) 2,6-Dinitrotoluene	14.19	165	123415	38.514	nq	95
52) Acenaphthene	14.69	154	387149	34.377	nq	98
53) 3-Nitroaniline	14.52	138	76106	21.655	nq	92
54) 2,4-Dinitrophenol	14.73	184	157164	82.480	nq	95
55) Dibenzofuran	15.02	168	624485	38.035	nq	99
56) 4-Nitrophenol	14.84	139	204403	75.009	nq	92
57) 2,4-Dinitrotoluene	14.98	165	177070	37.811	nq	# 97
58) Fluorene	15.67	166	515742	38.456	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.24	232	161154	39.797	nq	99
60) Diethylphthalate	15.44	149	562441	37.654	nq	100
61) 4-Chlorophenyl-phenylether	15.66	204	288566	37.382	nq	99
62) 4-Nitroaniline	15.68	138	124054	34.031	nq	91
63) Azobenzene	15.95	77	528142	38.351	nq	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	118731	41.682	nq	96
66) n-Nitrosodiphenylamine	15.87	169	471818	37.893	nq	100
67) 4-Bromophenyl-phenylether	16.55	248	200992	35.951	nq	98
68) Hexachlorobenzene	16.68	284	218047	37.605	nq	97
69) Atrazine	16.82	200	187339	40.805	nq	95
70) Pentachlorophenol	17.02	266	260101	73.123	nq	95
71) Phenanthrene	17.41	178	865684	38.873	nq	99
72) Anthracene	17.50	178	897915	40.196	nq	98
73) Carbazole	17.77	167	828014	36.526	nq	96
74) Di-n-butylphthalate	18.33	149	986040	39.172	nq	99
75) Fluoranthene	19.42	202	1085483	40.909	nq	97
77) Benzidine	19.60	184	627122	56.372	nq	97
78) Pyrene	19.78	202	1073241	39.449	nq	98
80) Butylbenzylphthalate	20.67	149	435014	38.575	nq	97
81) Benzo(a)anthracene	21.61	228	1011501	39.547	nq	97
82) 3,3'-Dichlorobenzidine	21.52	252	249753	24.533	nq	# 99
83) Chrysene	21.68	228	960260	39.075	nq	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	607055	39.140	nq	99
85) Di-n-octyl phthalate	22.72	149	1029222	38.375	nq	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1252782	38.396	nq	# 97
88) Benzo(b)fluoranthene	23.86	252	1026529	36.866	nq	98
89) Benzo(k)fluoranthene	23.86	252	1026529	38.765	nq	98
90) Benzo(a)pyrene	24.64	252	976491	37.143	nq	# 97
91) Dibenzo(a,h)anthracene	28.45	278	1023159	38.623	nq	97
92) Benzo(g,h,i)perylene	29.52	276	1046711	39.411	nq	97

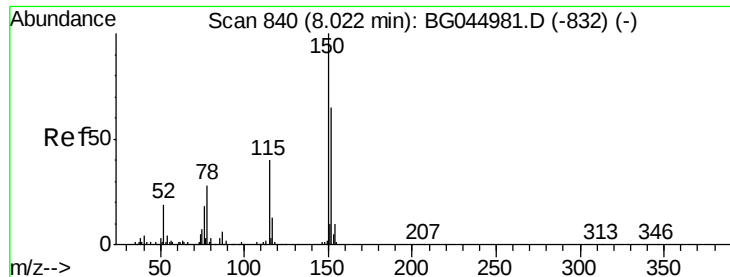
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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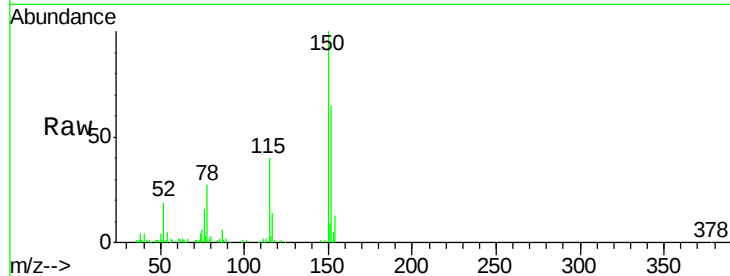


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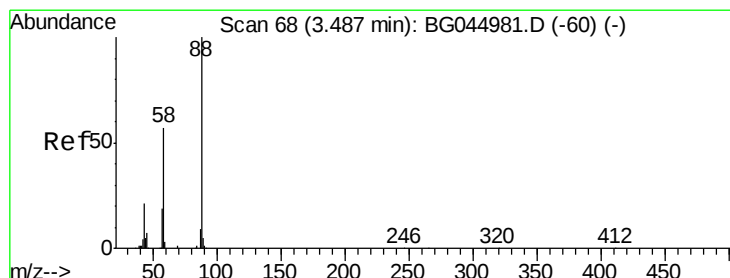
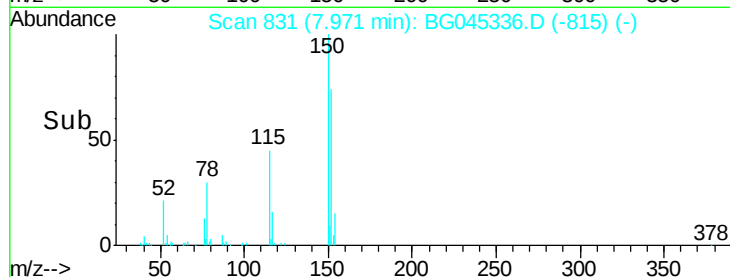
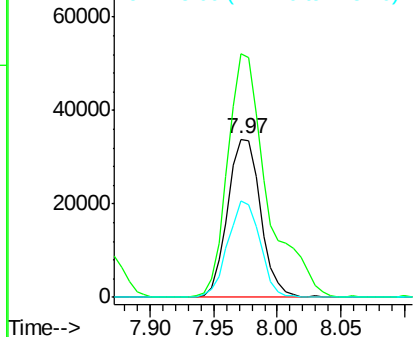
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 60902
Ion Ratio Lower Upper
152 100
150 153.8 123.6 185.4
115 61.0 49.1 73.7



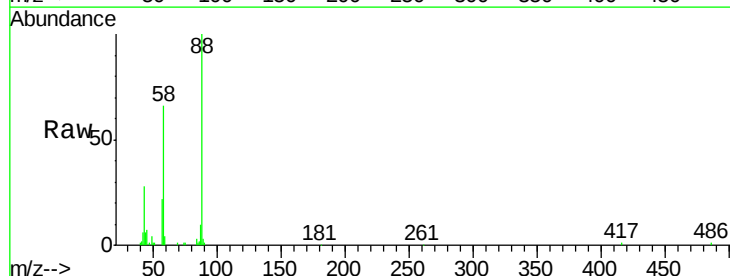
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



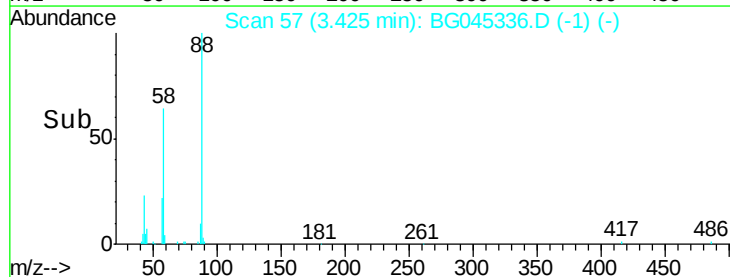
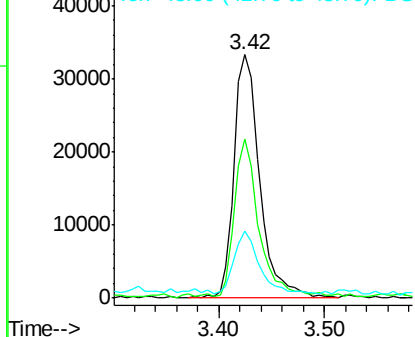
#2

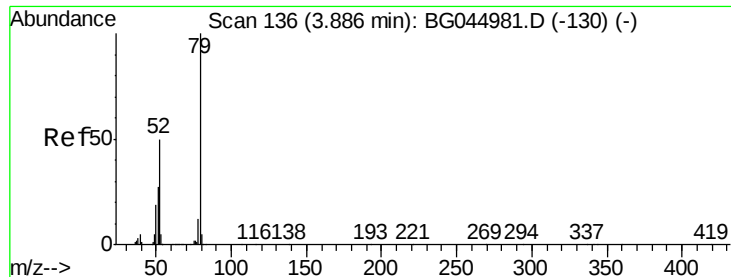
1,4-Dioxane
Concen: 34.078 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion: 88 Resp: 55867
Ion Ratio Lower Upper
88 100
58 60.5 46.6 69.8
43 25.1 17.5 26.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.852 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

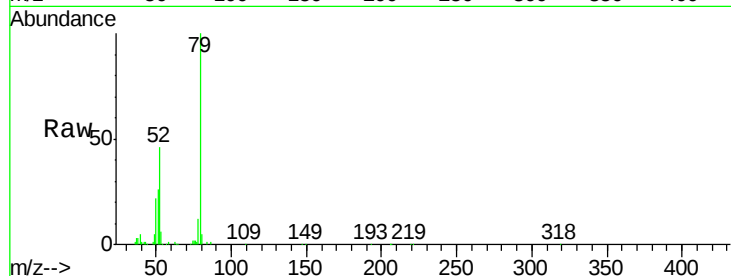
Tot Ion: 79 Resp: 130492

Ion Ratio Lower Upper

79 100

52 46.3 39.8 59.6

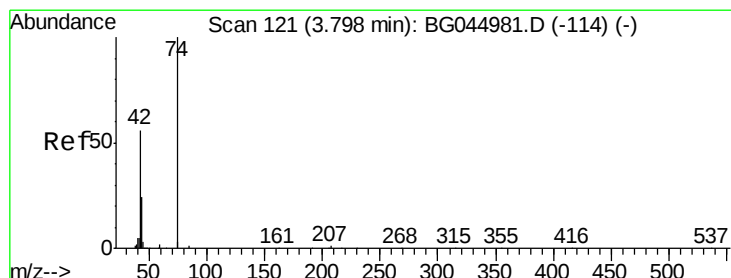
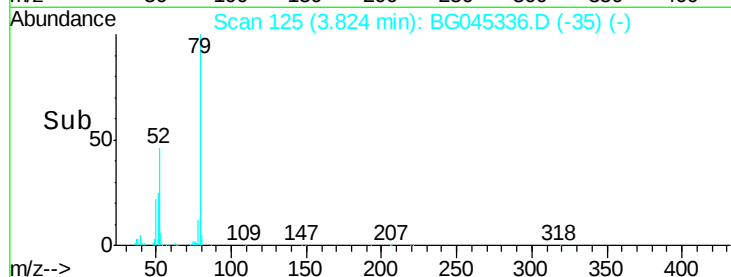
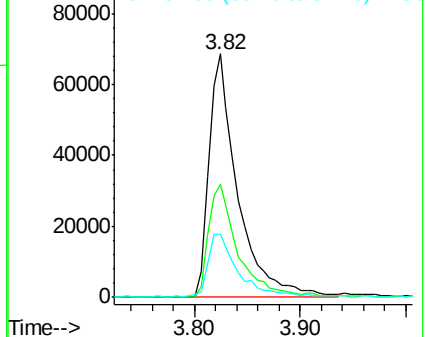
51 25.7 21.4 32.2



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.618 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

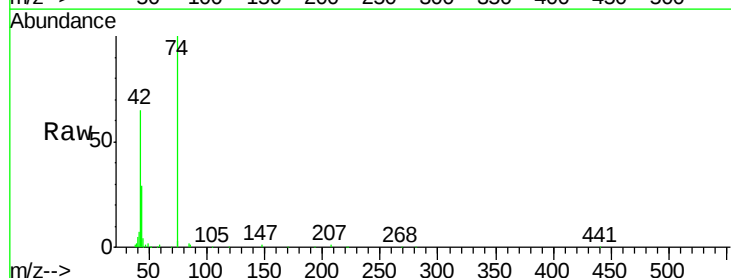
Tgt Ion: 42 Resp: 61262

Ion Ratio Lower Upper

42 100

74 155.0 143.0 214.6

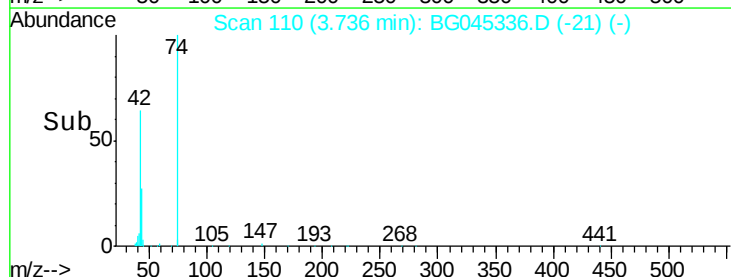
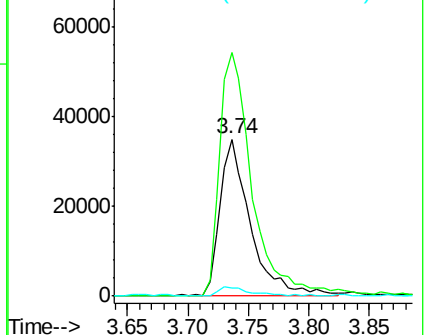
44 5.5 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.102 ng

RT: 5.55 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

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ClientSampleId :

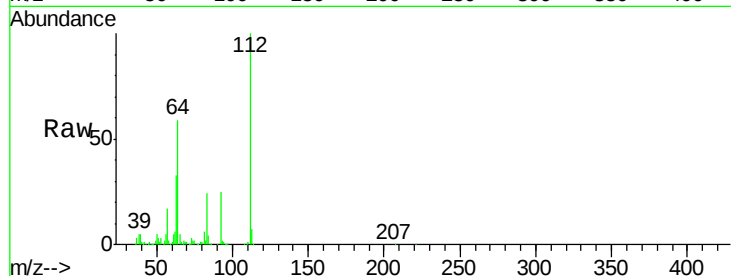
Tot Ion:112 Resp: 465179

Ion Ratio Lower Upper

112 100

64 58.8 42.4 63.6

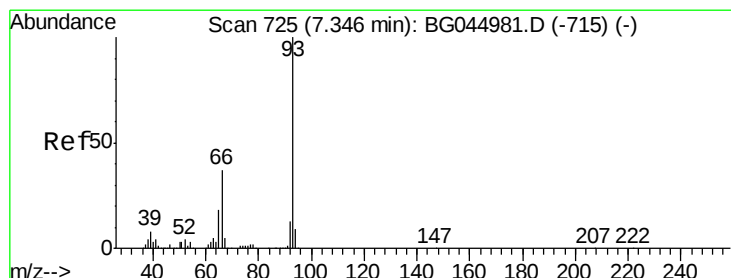
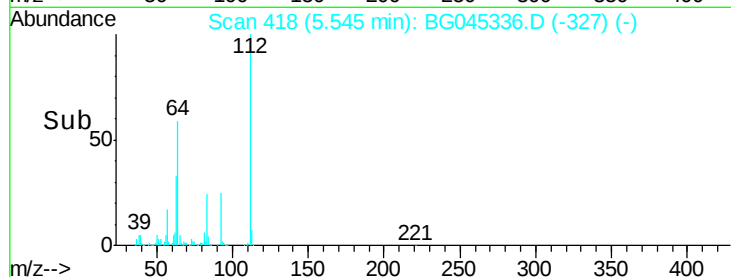
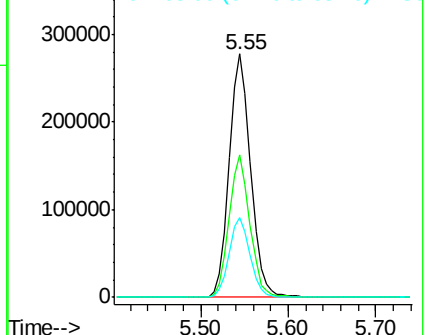
63 32.7 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.863 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

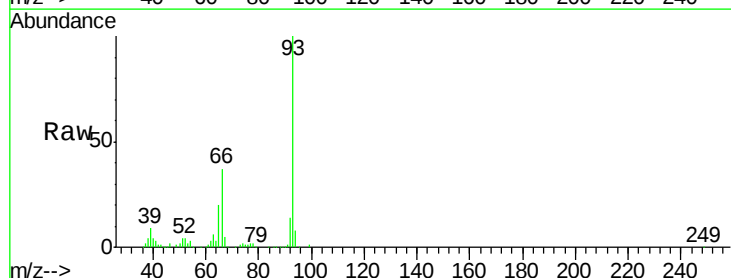
Tgt Ion: 93 Resp: 198556

Ion Ratio Lower Upper

93 100

66 36.6 29.8 44.8

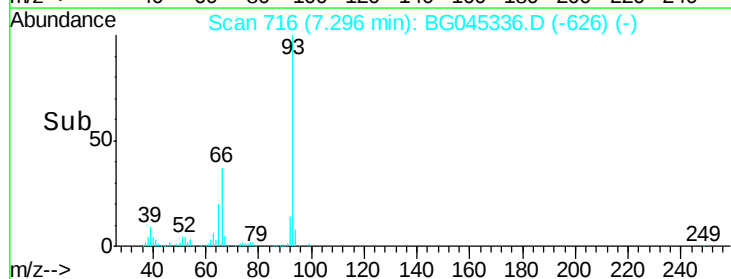
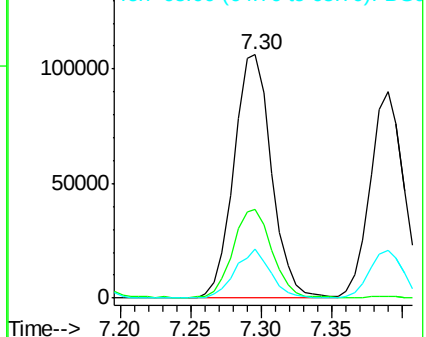
65 20.1 14.6 22.0

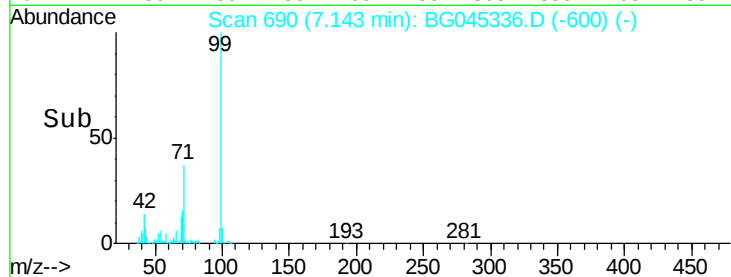
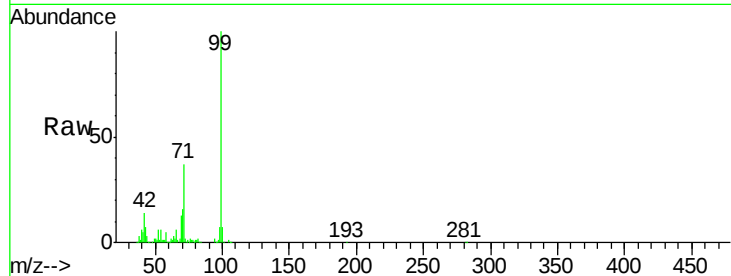


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.128 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045336.D

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Instrument :

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ClientSampled :

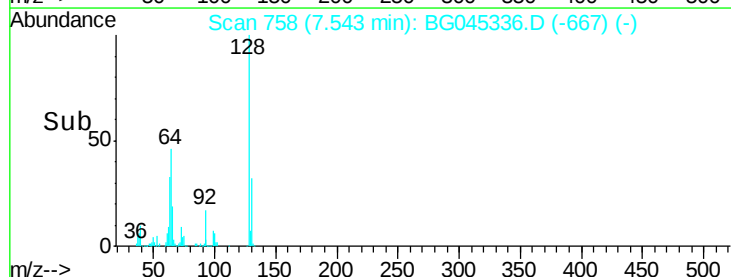
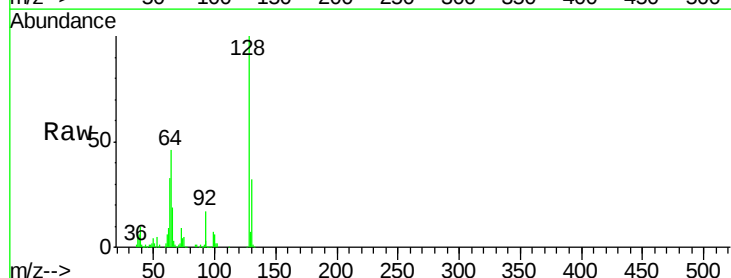
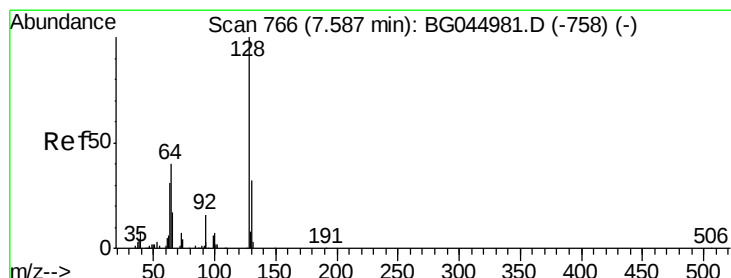
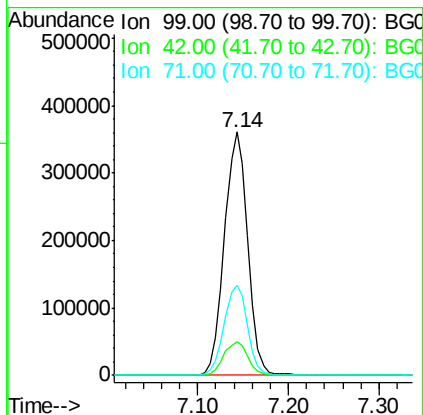
Tot Ion: 99 Resp: 641955

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 37.1 28.3 42.5



#8

2-Chlorophenol

Concen: 40.604 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

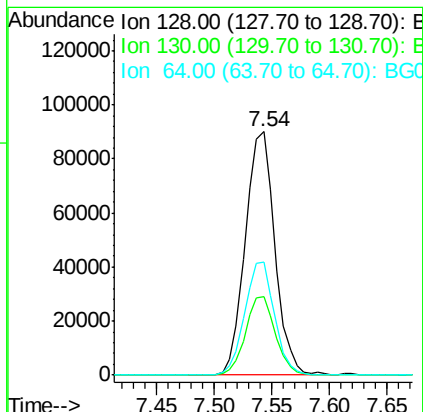
Tgt Ion: 128 Resp: 160980

Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 46.3 24.4 64.4





#9

Benzaldehyde

Concen: 41.955 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampled :

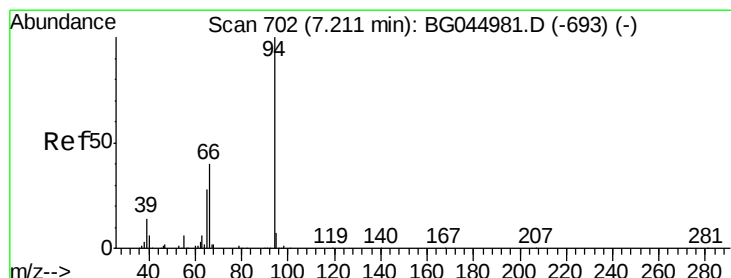
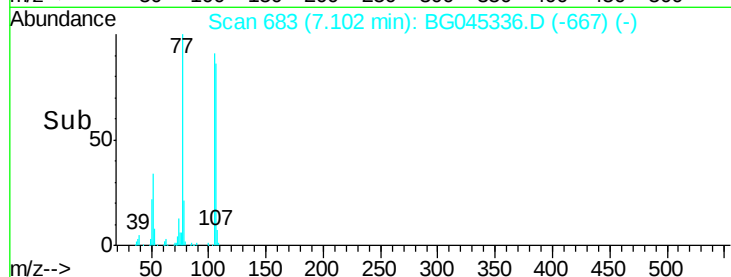
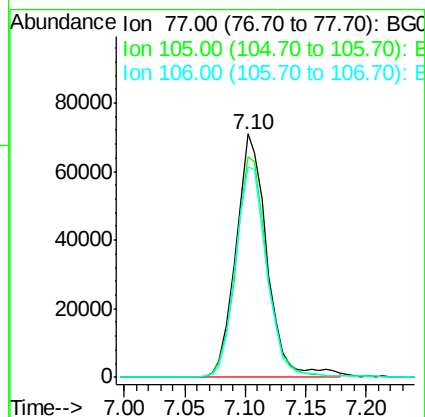
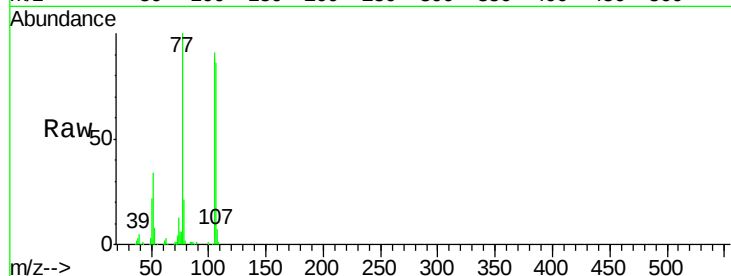
Tot Ion: 77 Resp: 127782

Ion Ratio Lower Upper

77 100

105 90.7 72.9 112.9

106 86.5 67.6 107.6



#10

Phenol

Concen: 40.162 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

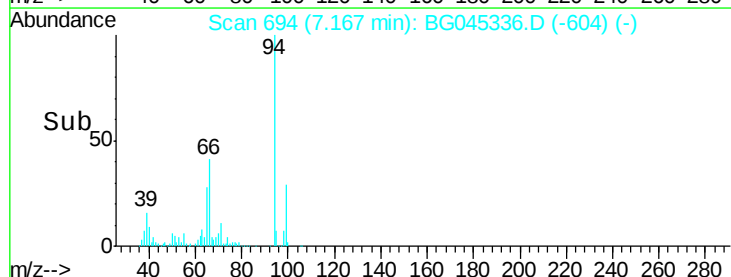
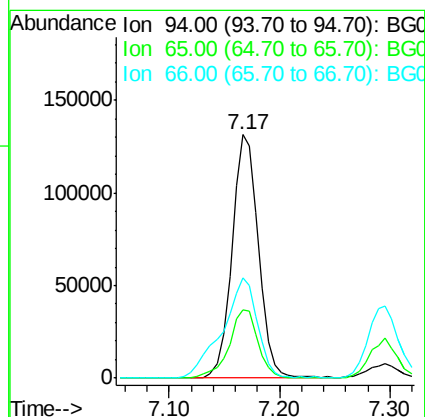
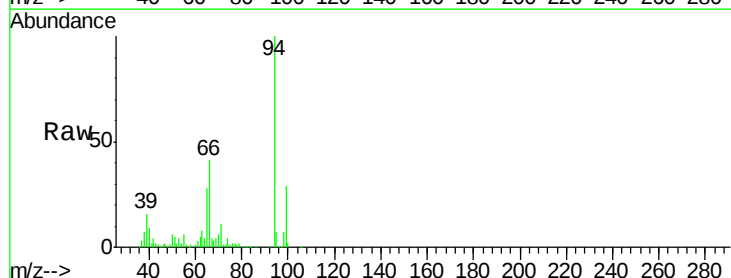
Tgt Ion: 94 Resp: 220270

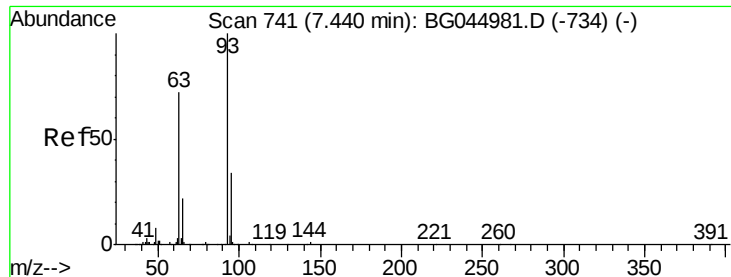
Ion Ratio Lower Upper

94 100

65 28.0 8.2 48.2

66 40.9 20.4 60.4

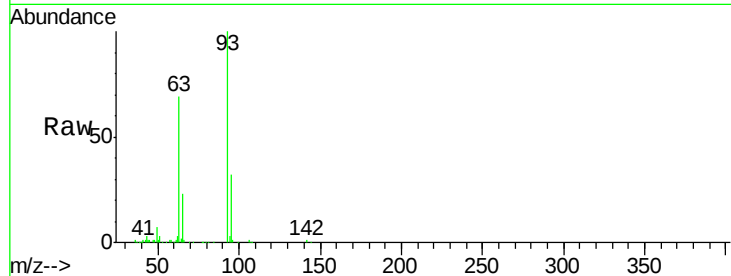




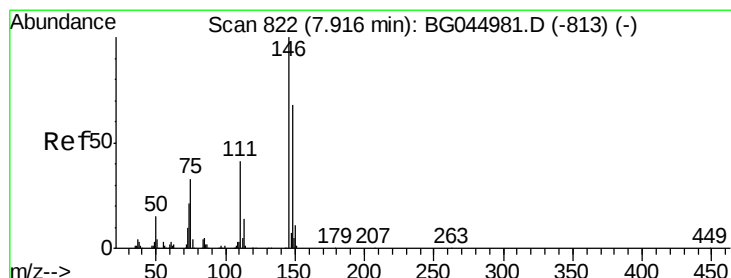
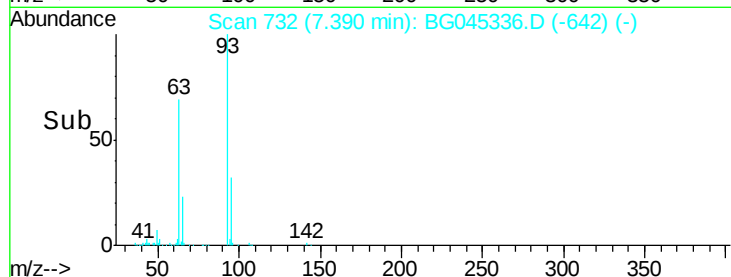
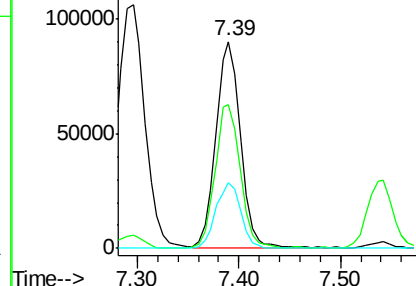
#11
bis(2-Chloroethyl)ether
Concen: 34.802 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	51.8	91.8
95	31.8	13.8	53.8

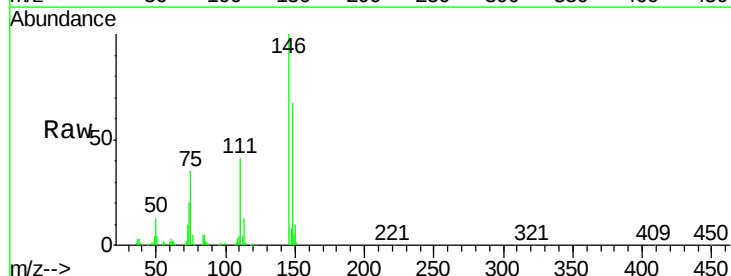


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

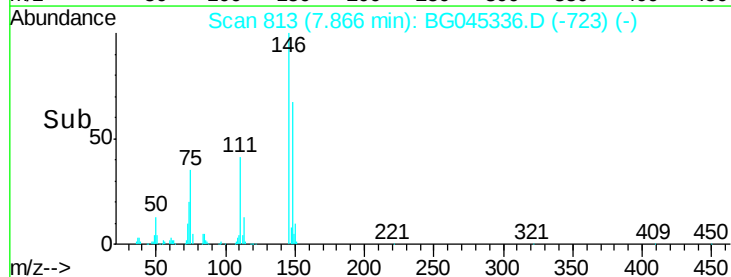
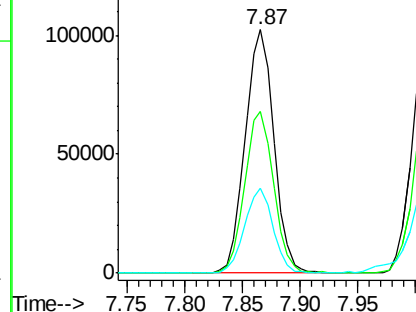


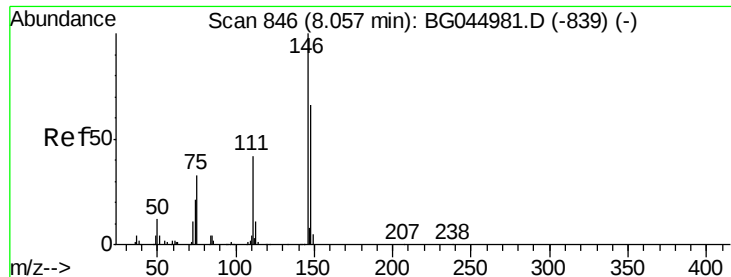
#12
1,3-Dichlorobenzene
Concen: 37.846 ng
RT: 7.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.6	81.8
75	35.0	26.0	39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 37.170 ng

RT: 8.01 min Scan# 838

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

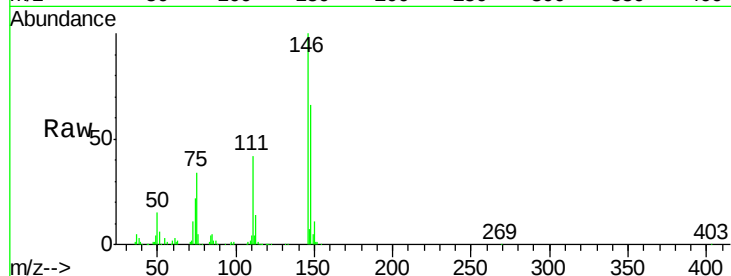
Tot Ion:146 Resp: 173029

Ion Ratio Lower Upper

146 100

148 66.2 53.3 79.9

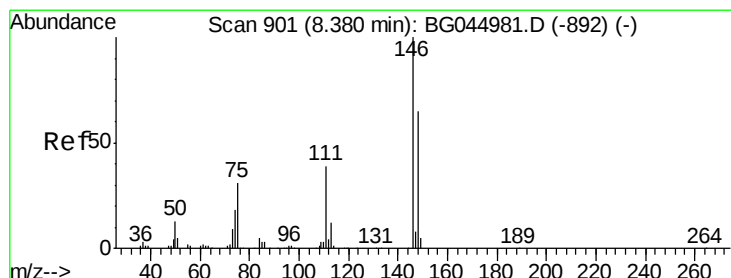
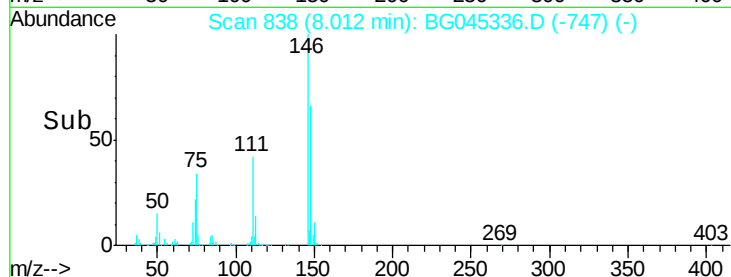
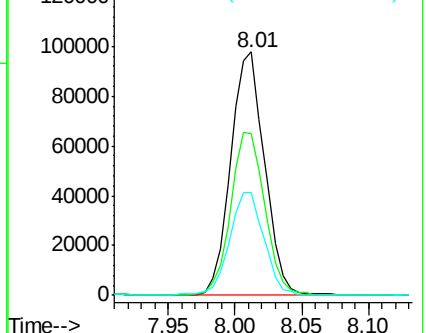
111 42.2 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.426 ng

RT: 8.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

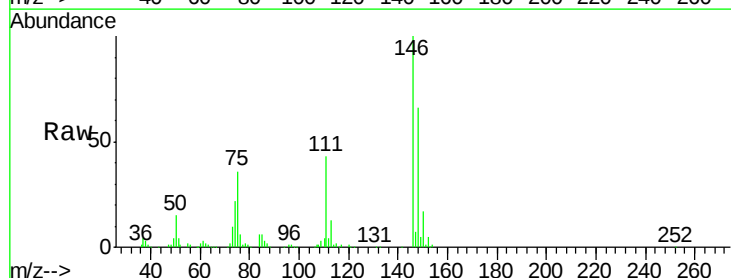
Tgt Ion:146 Resp: 166678

Ion Ratio Lower Upper

146 100

148 65.9 51.9 77.9

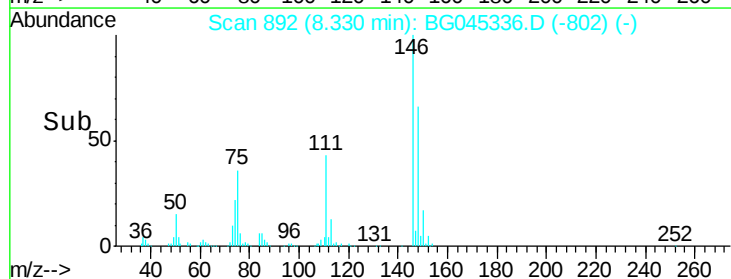
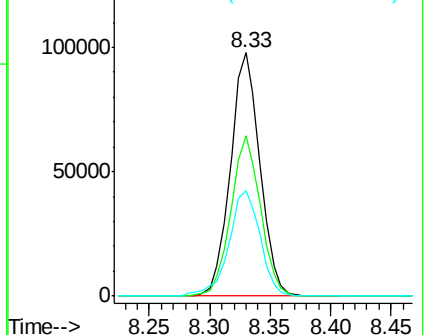
111 43.2 31.3 46.9

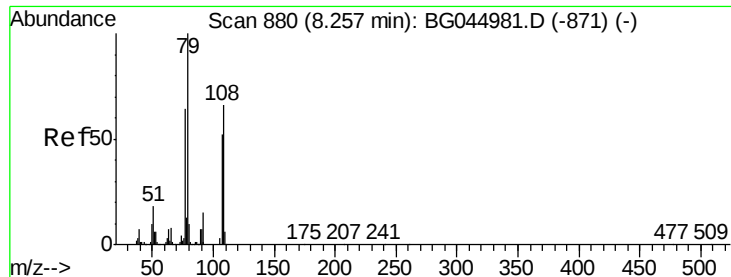


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.822 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

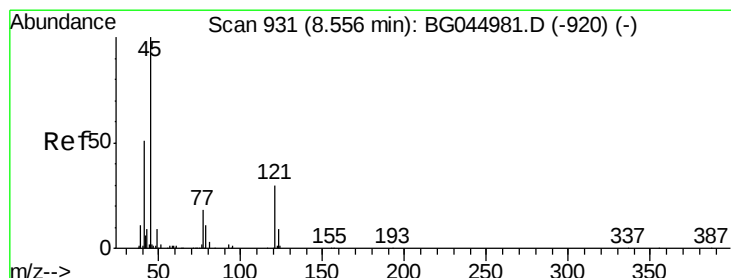
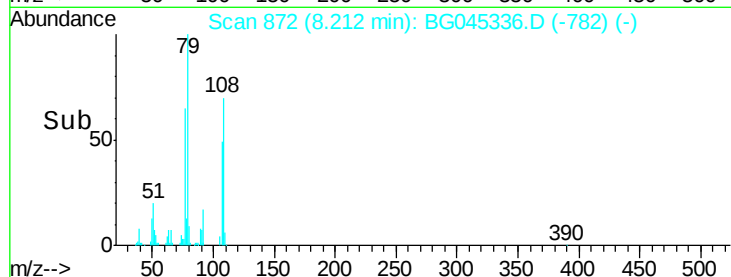
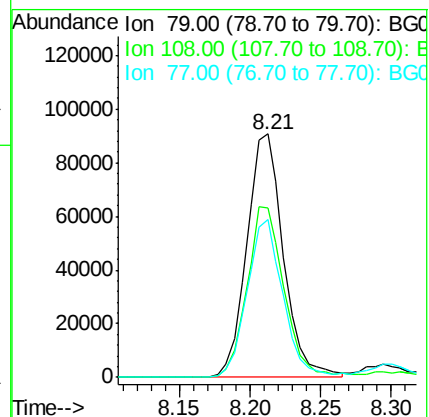
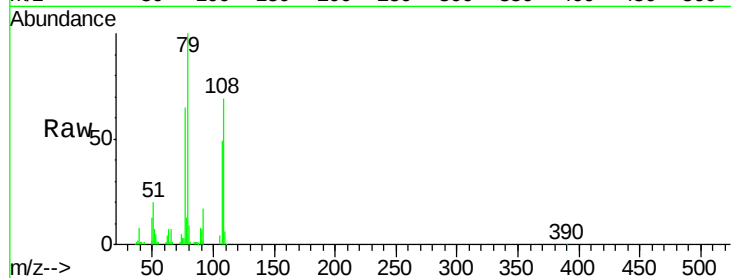
Tot Ion: 79 Resp: 164608

Ion Ratio Lower Upper

79 100

108 69.5 52.7 79.1

77 64.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.660 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

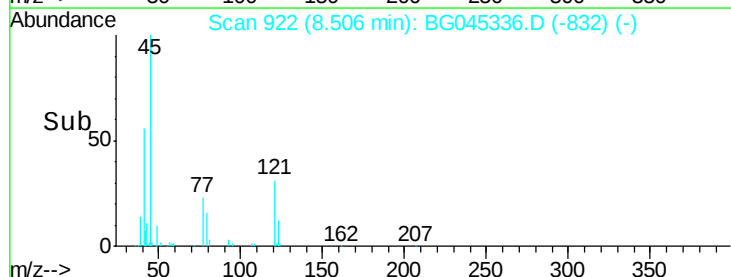
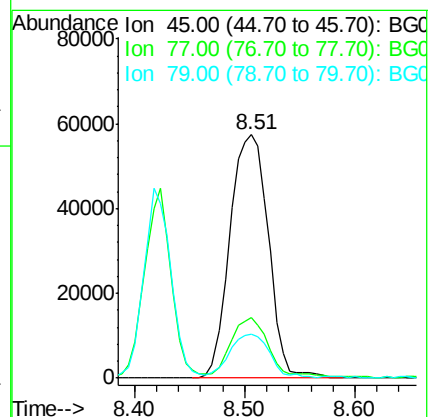
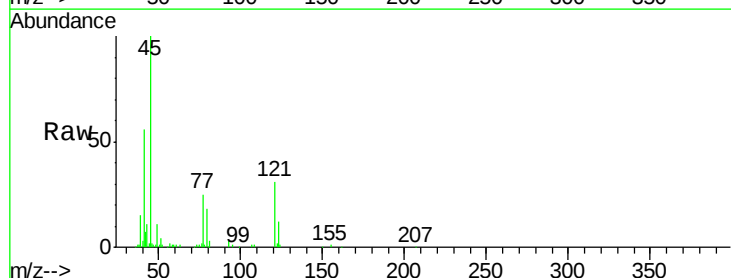
Tgt Ion: 45 Resp: 139994

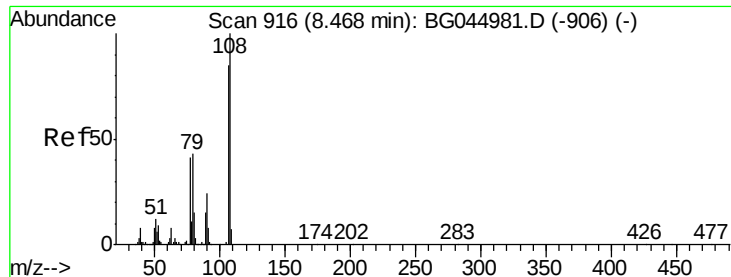
Ion Ratio Lower Upper

45 100

77 25.0 1.9 41.9

79 17.9 0.0 35.5





#17

2-Methylphenol

Concen: 34.079 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 144210

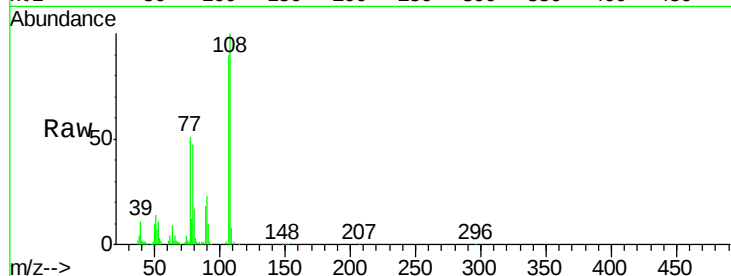
Ion Ratio Lower Upper

107 100

108 110.9 93.8 140.6

77 56.3 38.5 57.7

79 51.7 40.1 60.1

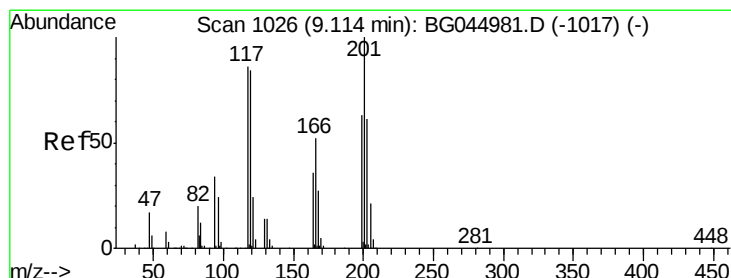
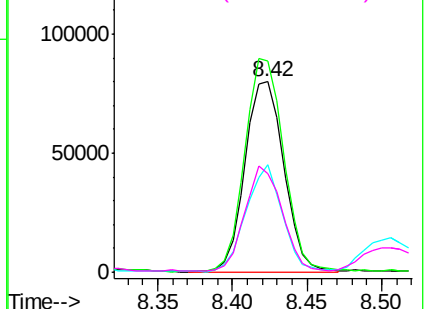
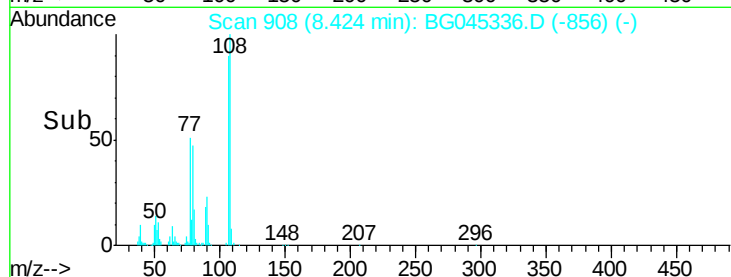


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.684 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

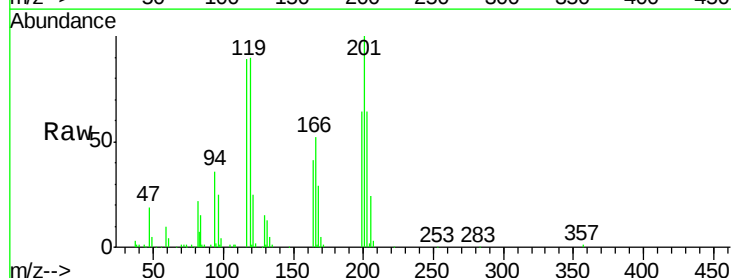
Tgt Ion:117 Resp: 67697

Ion Ratio Lower Upper

117 100

119 101.1 78.3 117.5

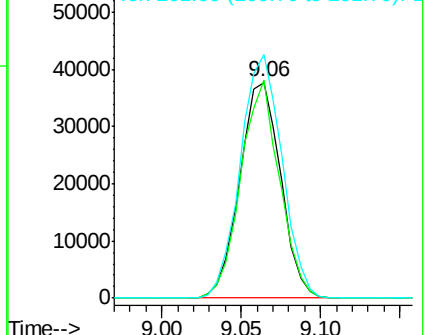
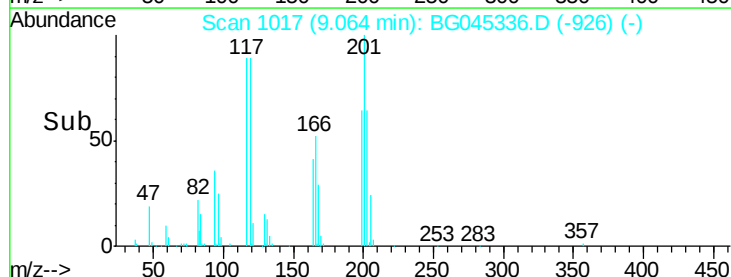
201 112.7 92.9 139.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

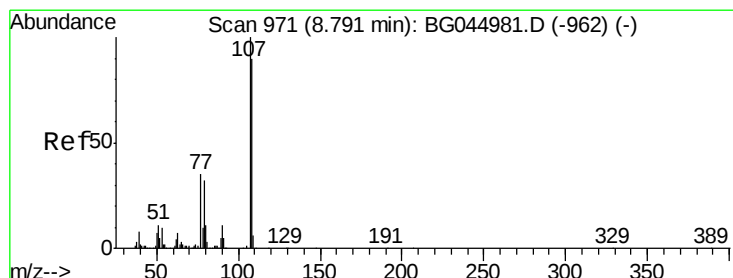
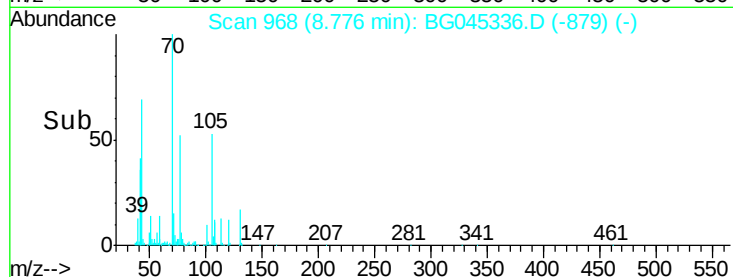
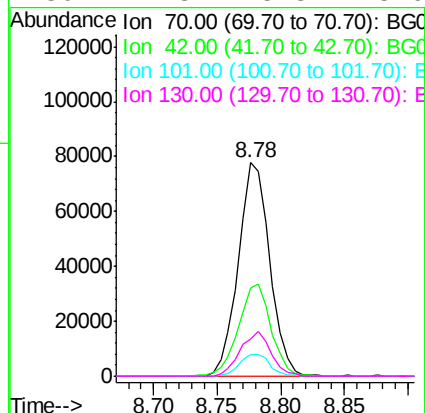
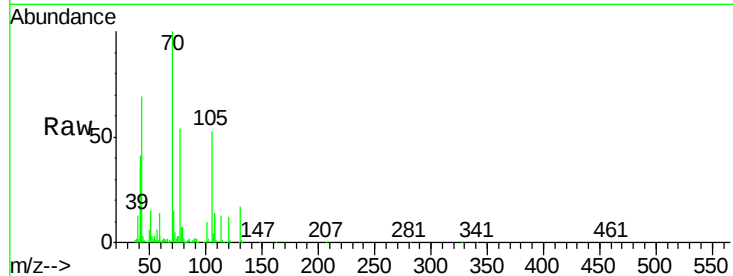




#19
n-Nitroso-di-n-propylamine
Concen: 34.410 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

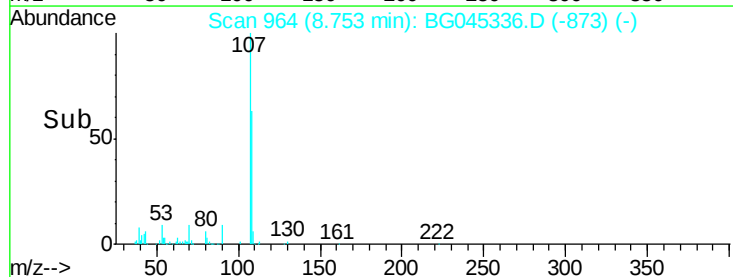
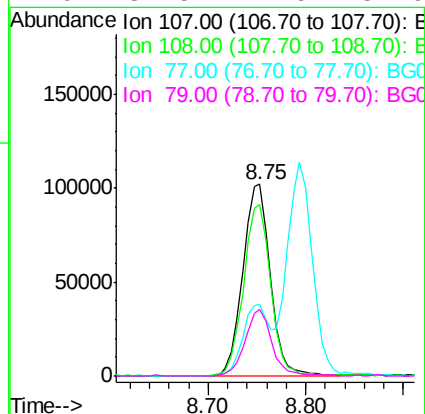
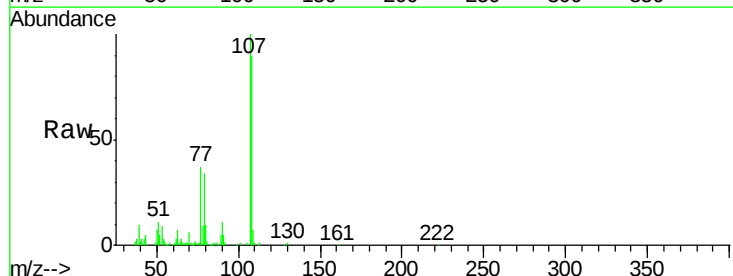
Instrument :
BNA_G
ClientSampled :

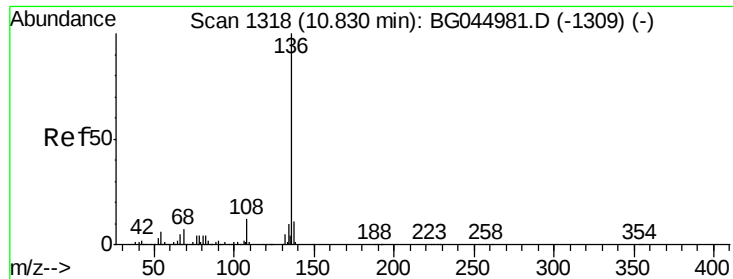
Tot Ion:	70	Resp:	133376
Ion	Ratio	Lower	Upper
70	100		
42	41.3	33.3	49.9
101	10.0	7.8	11.8
130	17.3	15.8	23.6



#20
3+4-Methylphenols
Concen: 34.018 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:	107	Resp:	201490
Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.9	109.9
77	37.1	15.2	55.2
79	34.5	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 234298

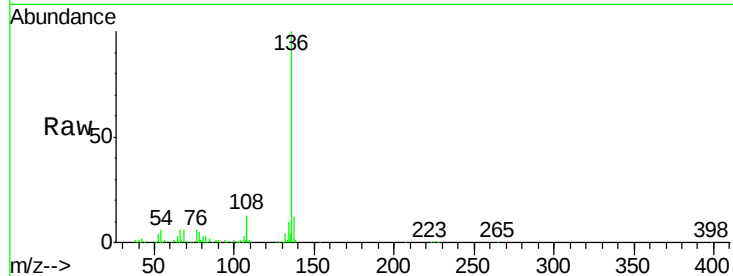
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 6.4 4.8 7.2

68 5.5 5.2 7.8

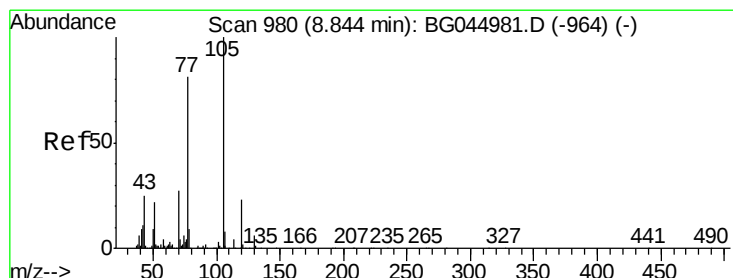
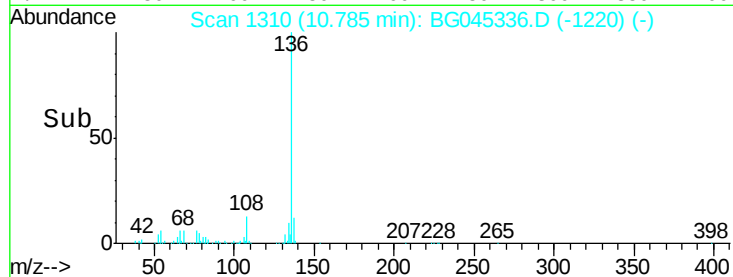
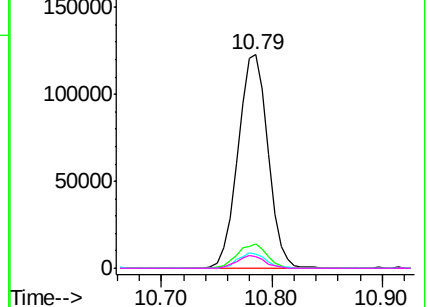


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.038 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:105 Resp: 253683

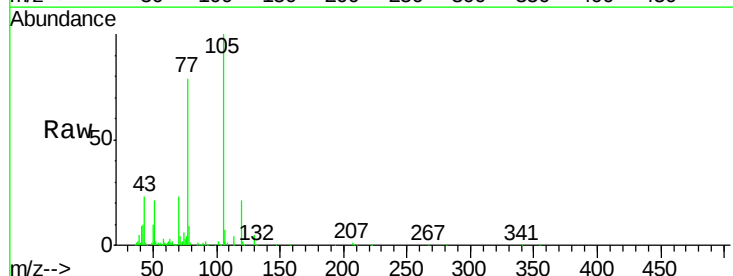
Ion Ratio Lower Upper

105 100

71 3.7 3.3 4.9

51 20.7 17.3 25.9

120 21.2 18.4 27.6

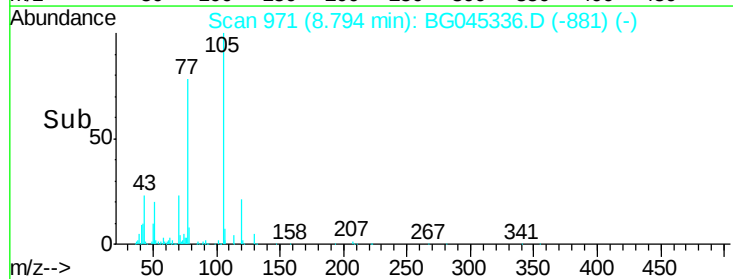
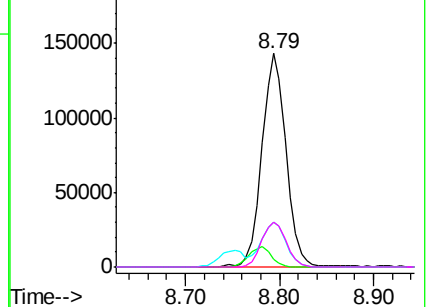


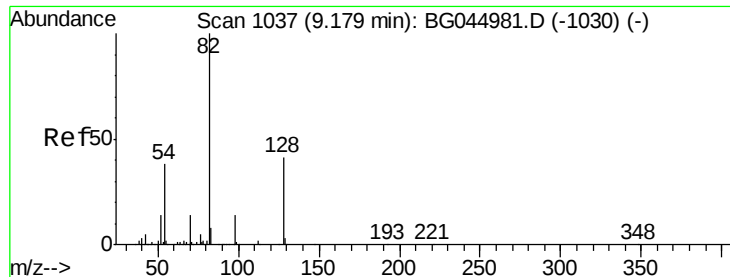
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

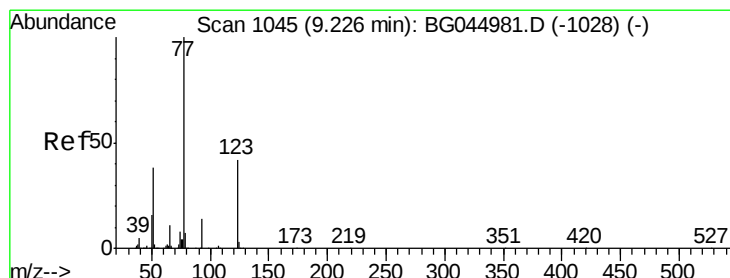
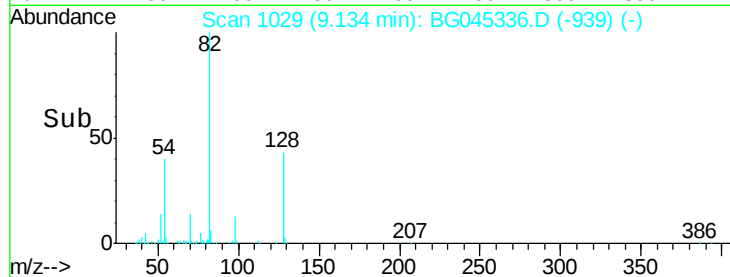
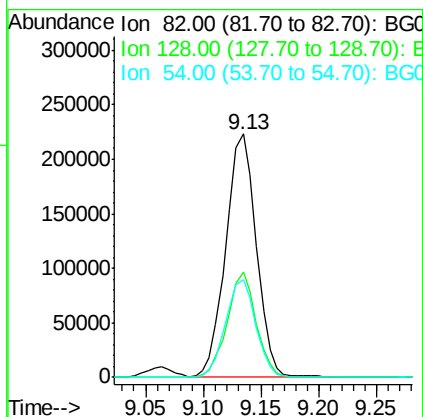
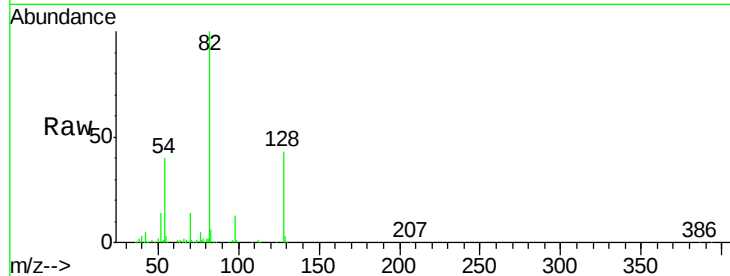




#23
 Nitrobenzene-d5
 Concen: 79.633 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

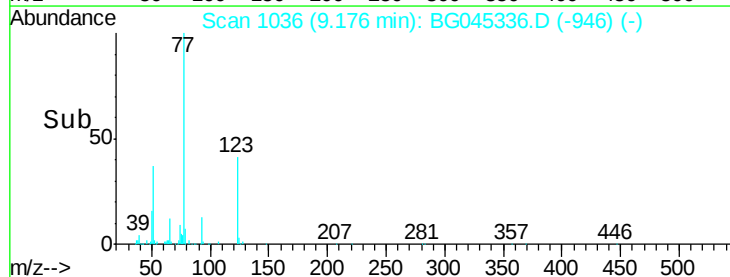
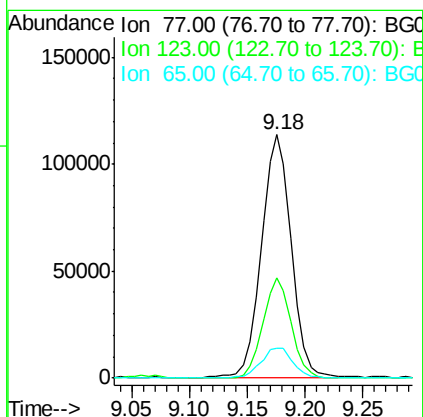
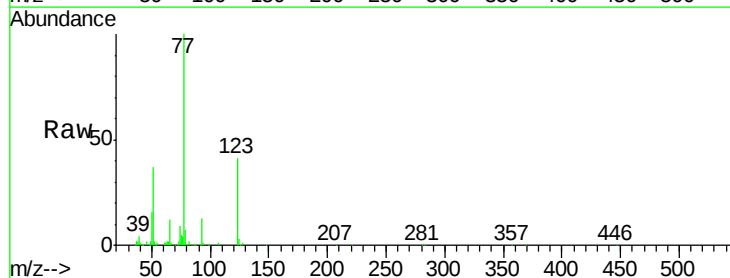
Instrument :
 BNA_G
 ClientSampled :

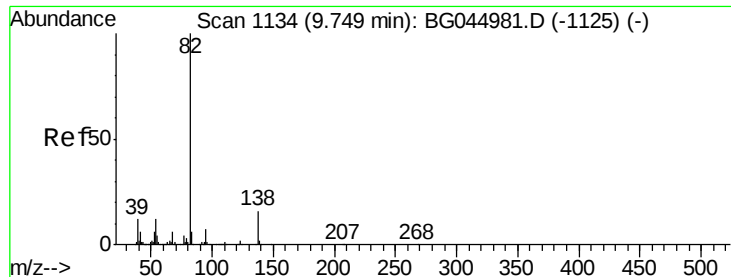
Tot Ion	82	Resp	408905
Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.0	49.4
54	40.4	30.4	45.6



#24
 Nitrobenzene
 Concen: 38.898 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	77	Resp	204738
Ion	Ratio	Lower	Upper
77	100		
123	41.2	34.3	51.5
65	12.4	8.9	13.3





#25

Isophorone

Concen: 36.443 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

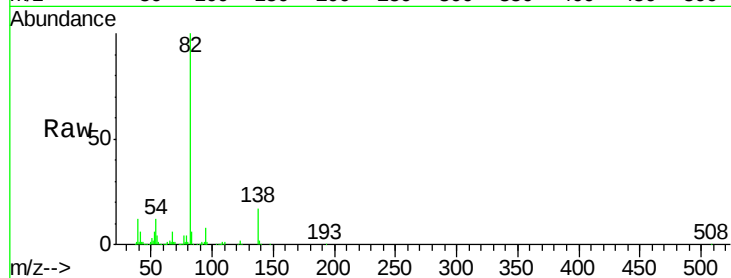
Tot Ion: 82 Resp: 383216

Ion Ratio Lower Upper

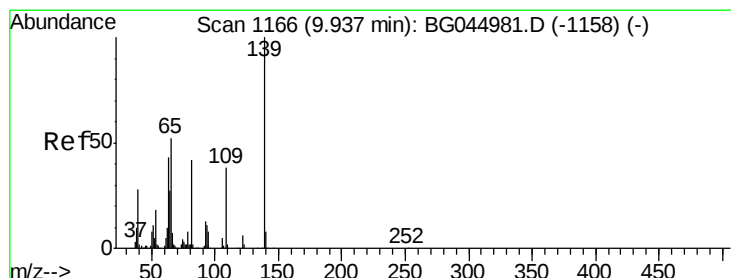
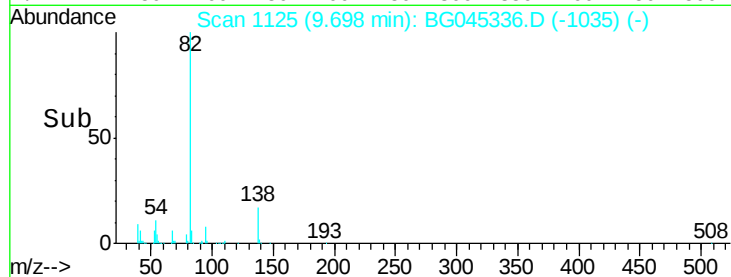
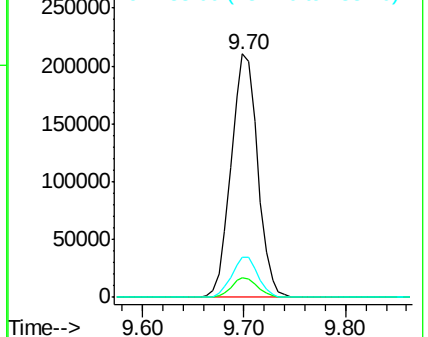
82 100

95 7.8 6.0 9.0

138 16.6 12.7 19.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 41.589 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

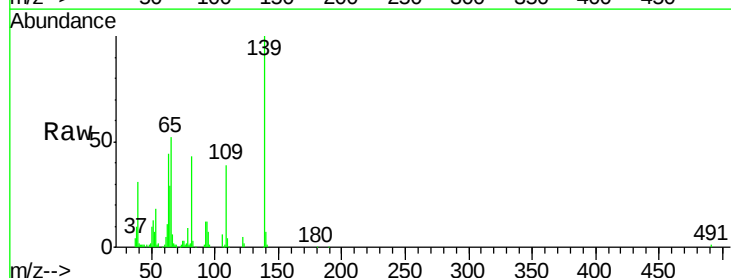
Tgt Ion: 139 Resp: 94291

Ion Ratio Lower Upper

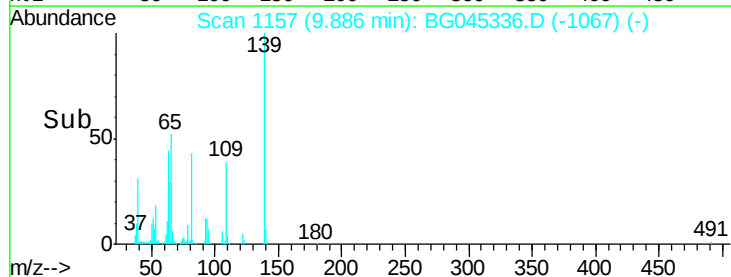
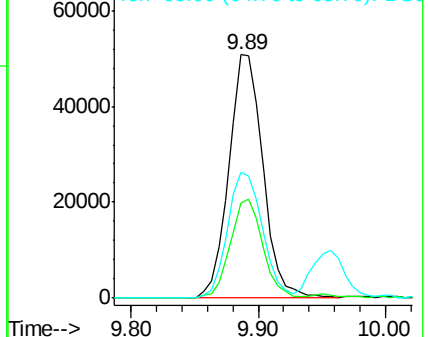
139 100

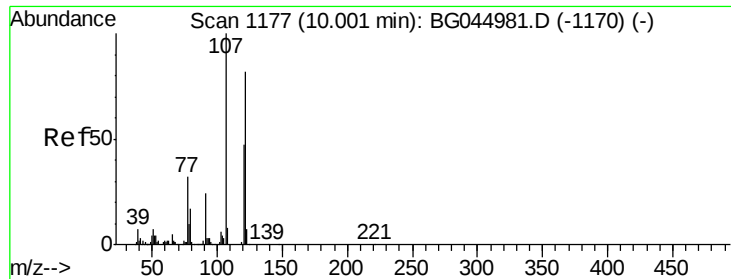
109 39.3 30.6 45.8

65 51.6 41.8 62.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

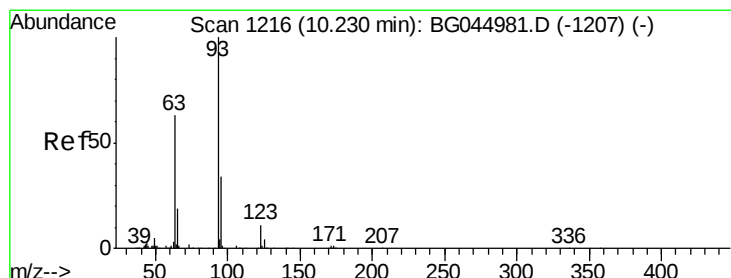
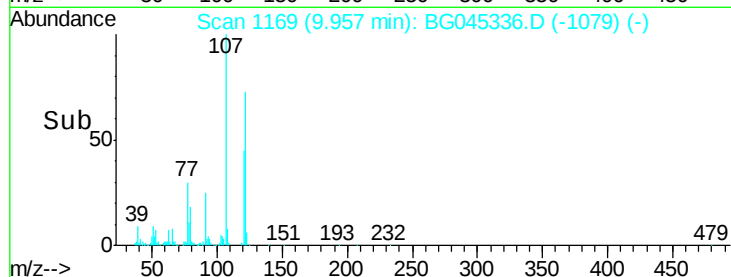
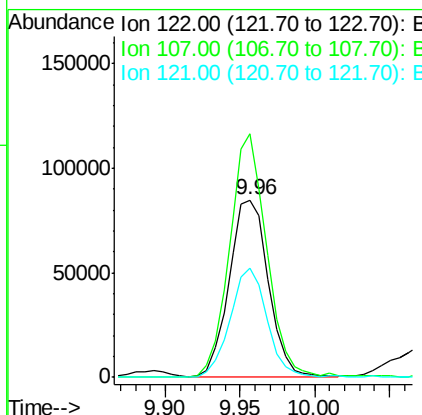
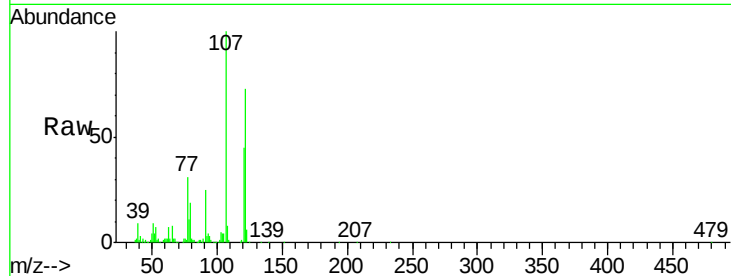




#27
 2,4-Dimethylphenol
 Concen: 42.792 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

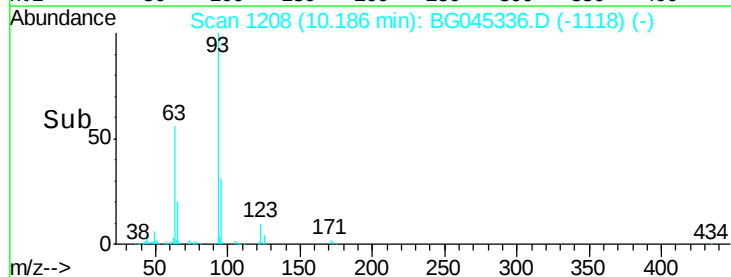
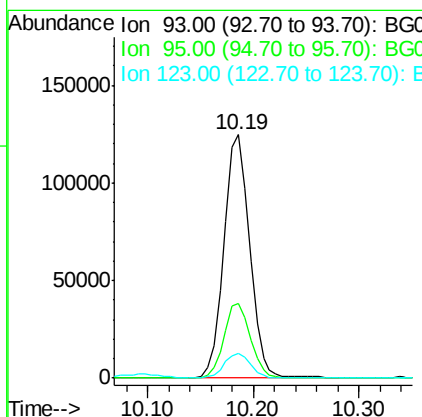
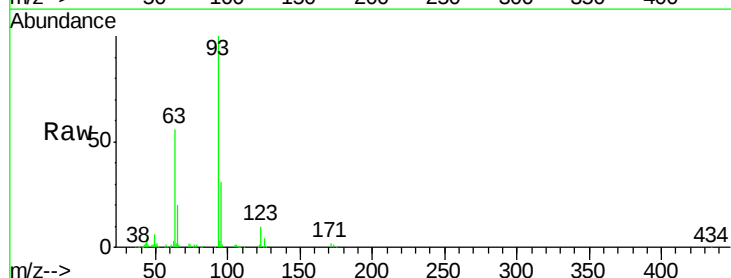
Instrument :
 BNA_G
 ClientSampleId :

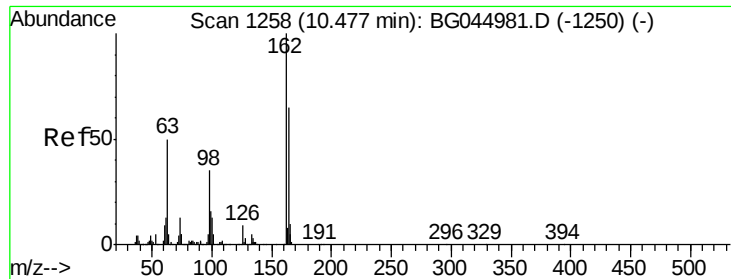
Tot Ion	Ratio	Lower	Upper
122	100		
107	137.1	96.8	145.2
121	61.7	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.284 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.9	27.0	40.4
123	10.4	8.7	13.1

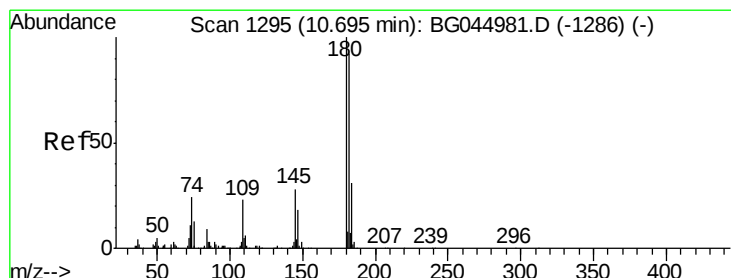
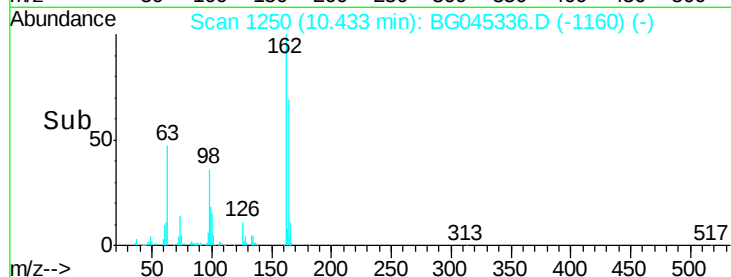
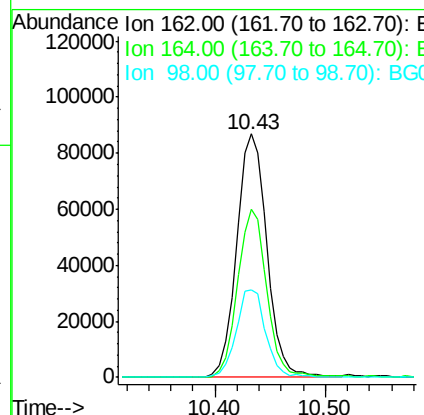
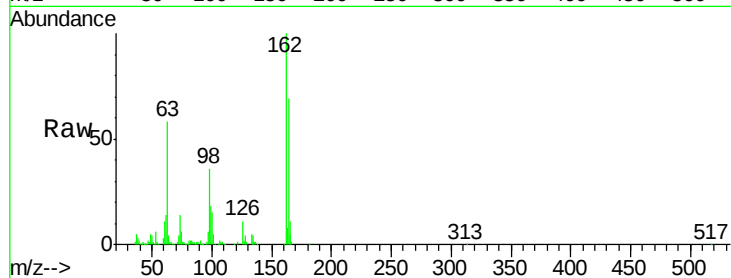




#29
 2,4-Dichlorophenol
 Concen: 40.321 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

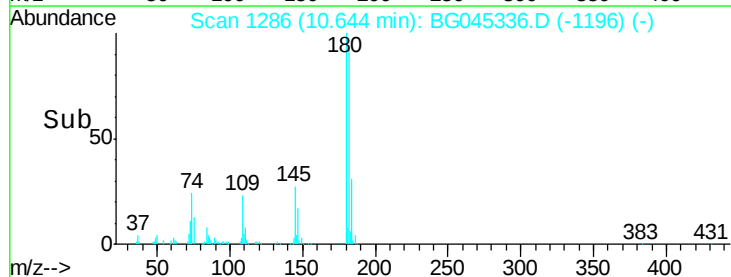
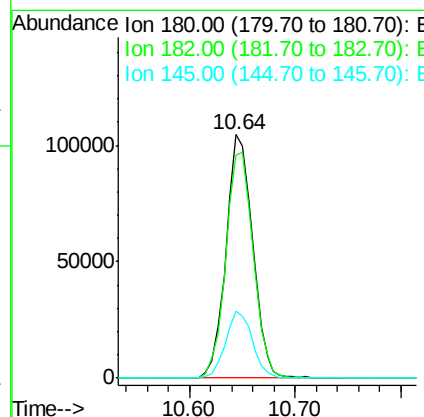
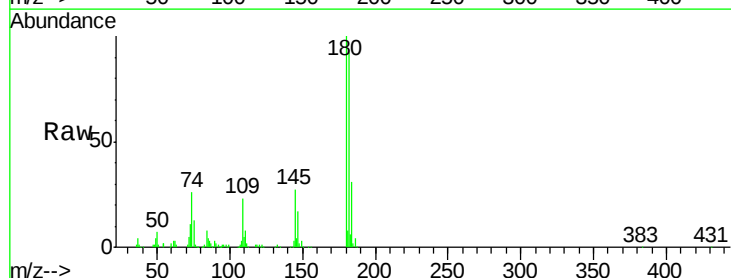
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.3	45.0	85.0
98	35.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 38.969 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	73.3	109.9
145	27.3	22.6	33.8

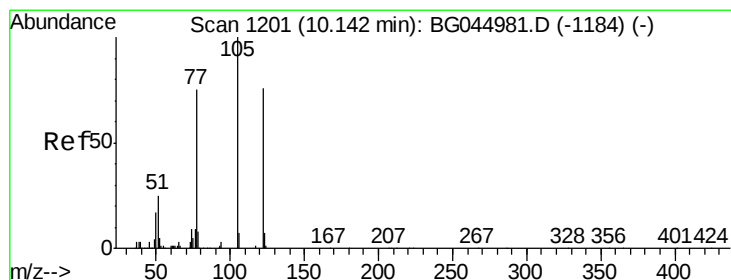
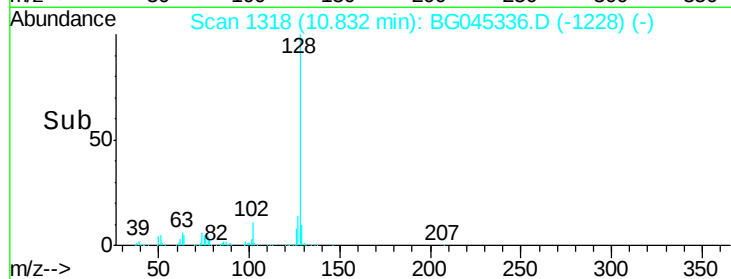
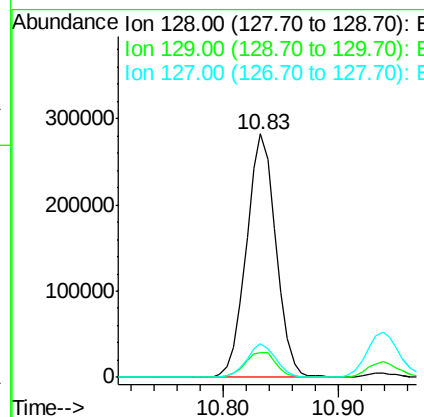
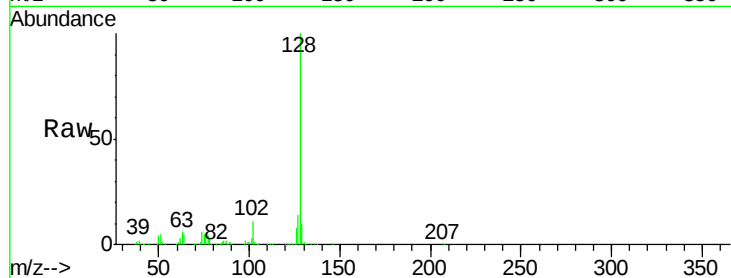




#31
Naphthalene
Concen: 39.123 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

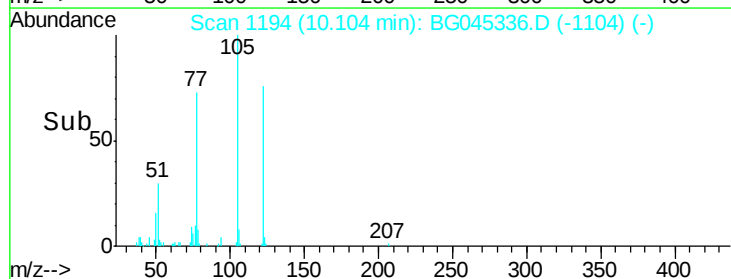
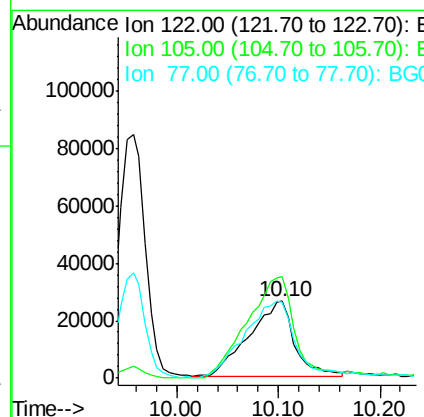
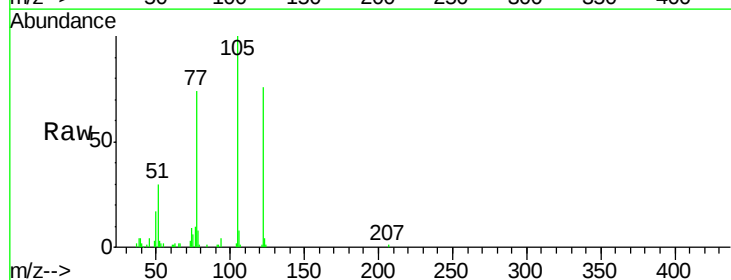
Instrument :
BNA_G
ClientSampleId :

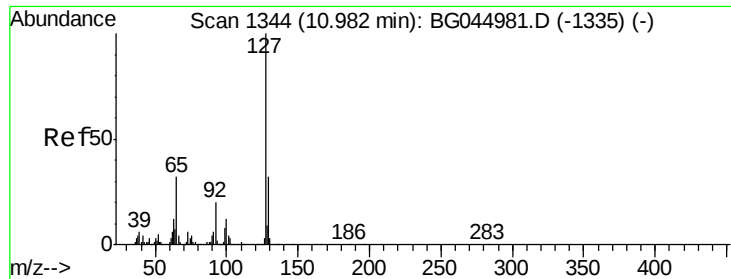
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.0	9.4	14.2
127	13.6	10.8	16.2



#32
Benzoic acid
Concen: 30.451 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.4	148.4
77	98.0	78.8	118.8

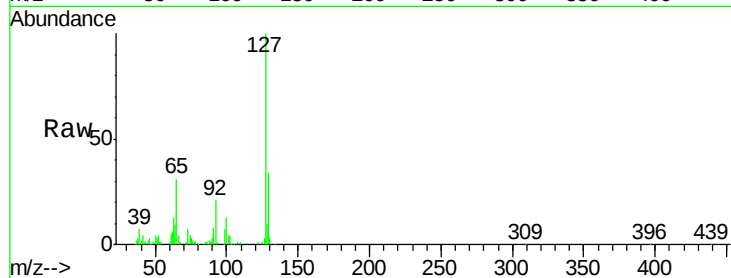




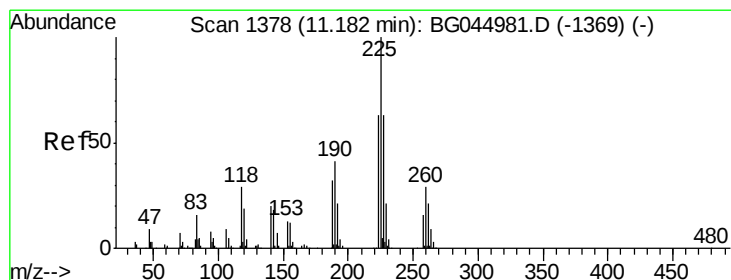
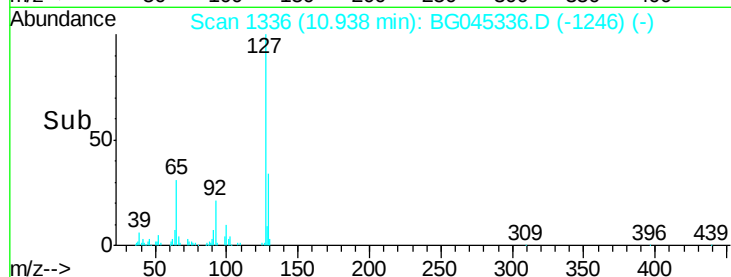
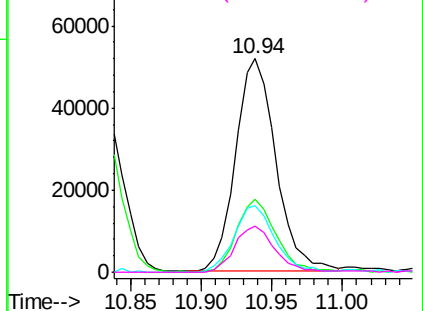
#33
4-Chloroaniline
Concen: 17.298 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	103402
Ion Ratio	Lower	Upper
127	100	
129	34.1	25.7 38.5
65	31.0	25.4 38.2
92	21.4	16.1 24.1

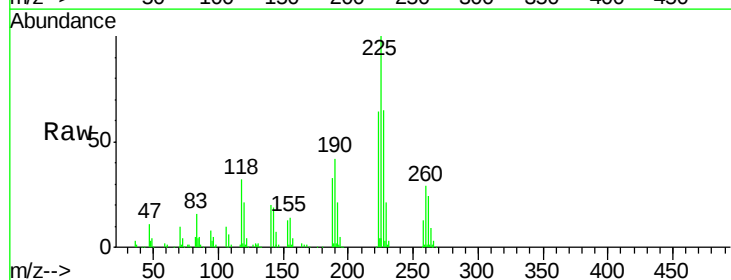


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

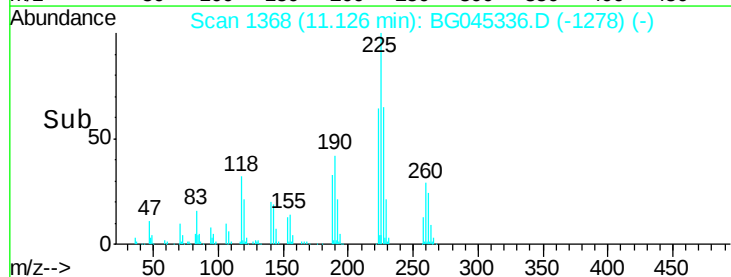
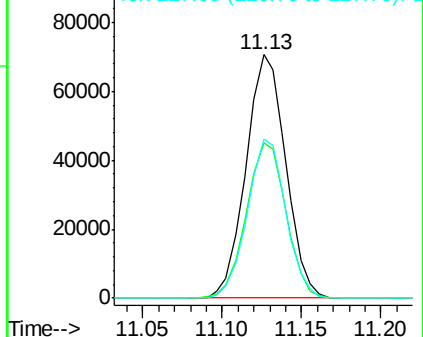


#34
Hexachlorobutadiene
Concen: 38.104 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:225	Resp:	122867
Ion Ratio	Lower	Upper
225	100	
223	64.0	50.7 76.1
227	65.4	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

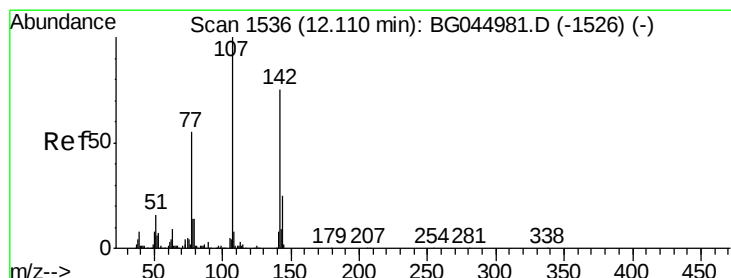
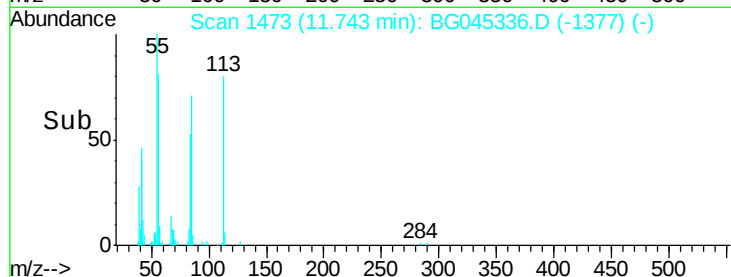
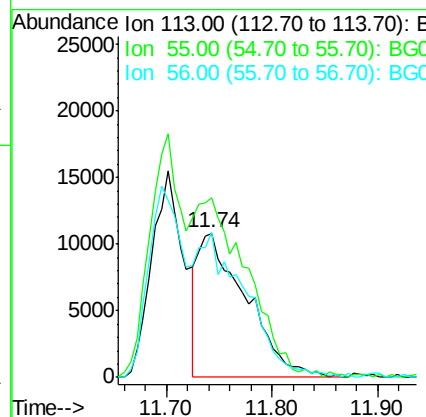
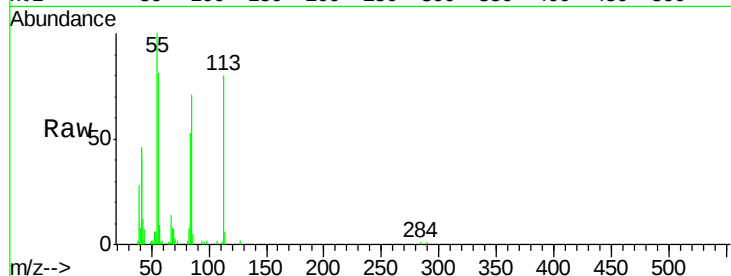




#35
 Caprolactam
 Concen: 20.457 ng
 RT: 11.74 min Scan# 1473
 Delta R.T. 0.03 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

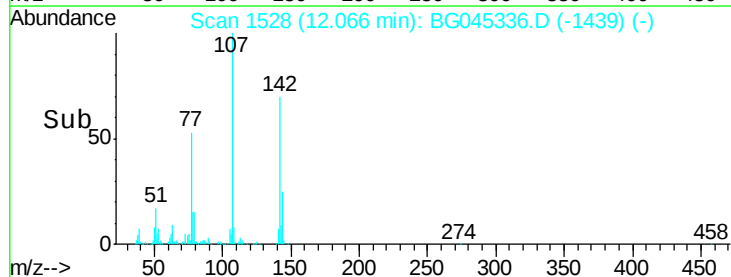
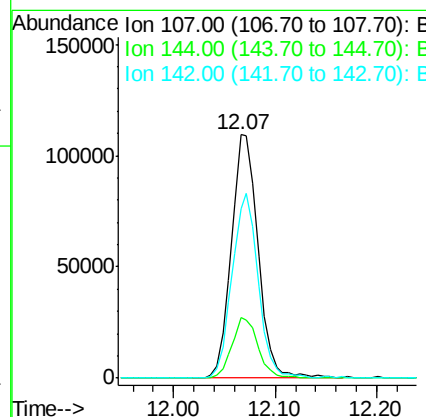
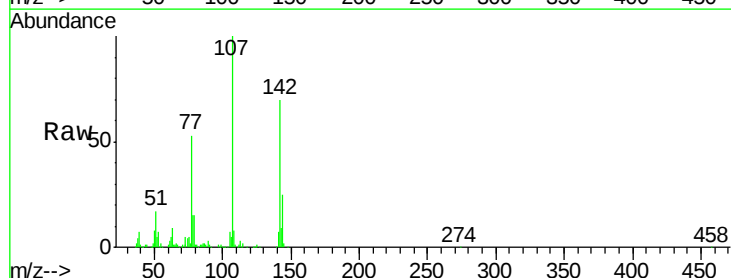
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 33820
 Ion Ratio Lower Upper
 113 100
 55 124.4 118.8 158.8
 56 101.0 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 41.123 ng
 RT: 12.07 min Scan# 1528
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:107 Resp: 200668
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.6
 142 69.7 59.7 89.5

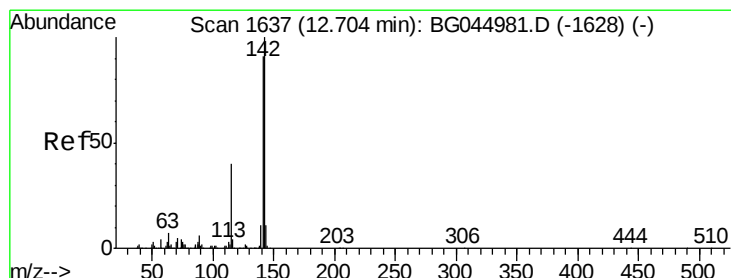
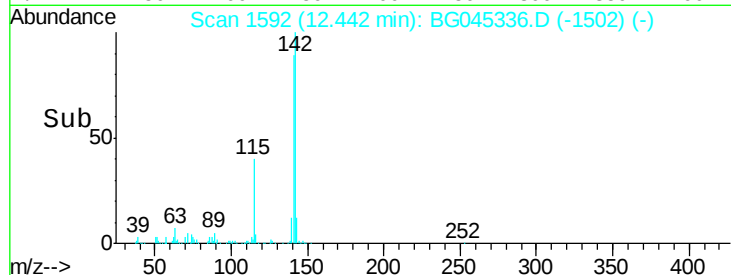
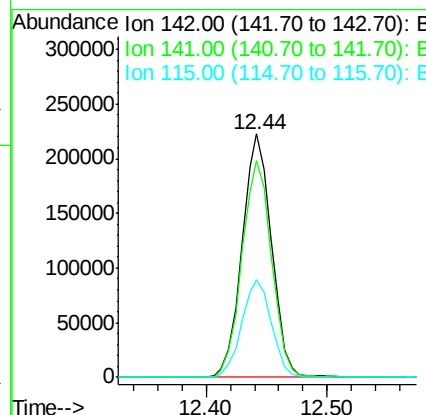
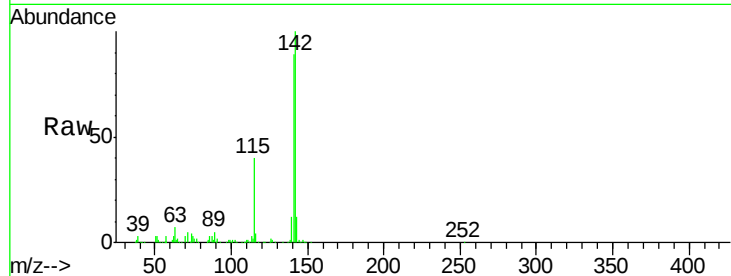




#37
 2-Methylnaphthalene
 Concen: 37.980 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

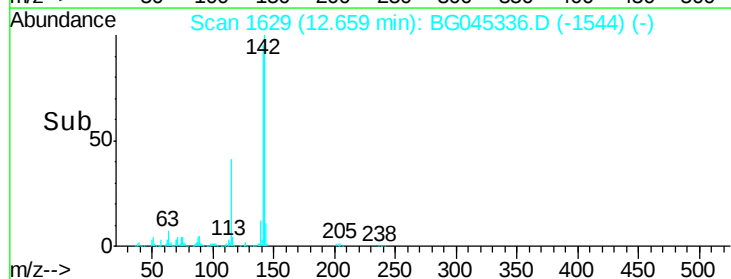
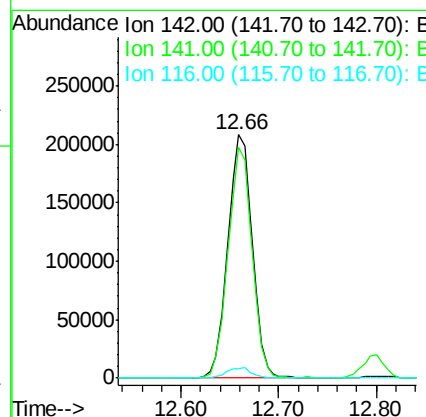
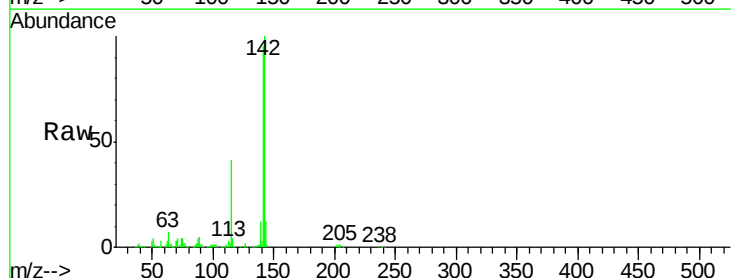
Instrument :
 BNA_G
 ClientSampleId :

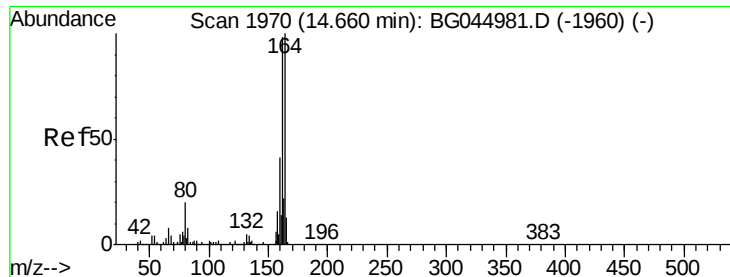
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.3	105.5
115	40.4	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 38.306 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.6	72.7	109.1
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampled :

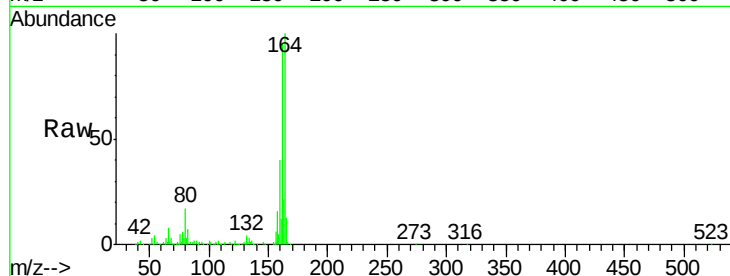
Tot Ion:164 Resp: 175950

Ion Ratio Lower Upper

164 100

162 94.6 78.7 118.1

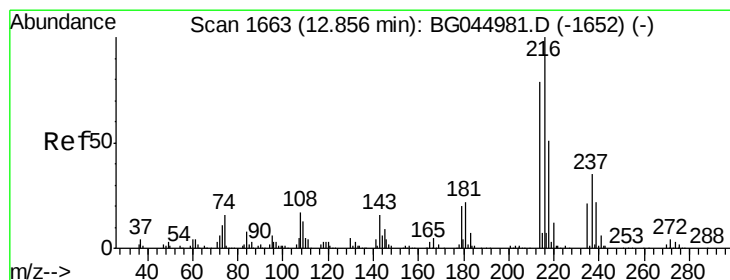
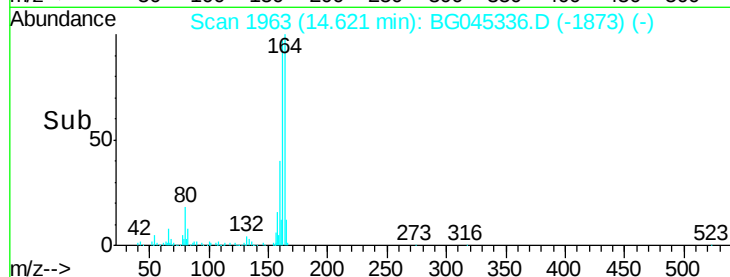
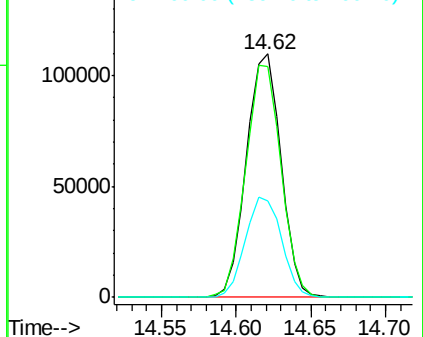
160 39.7 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.384 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:216 Resp: 211783

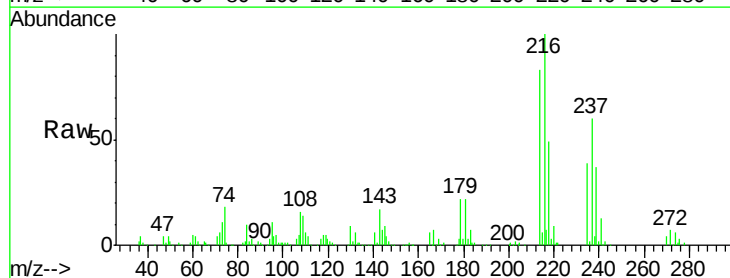
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 20.0 15.8 23.8

108 19.4 14.2 21.2

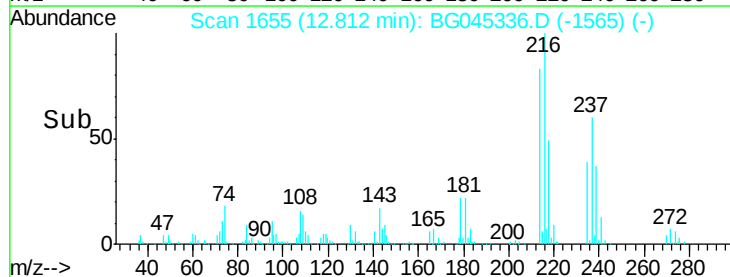
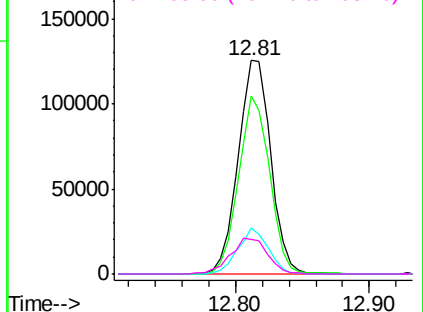


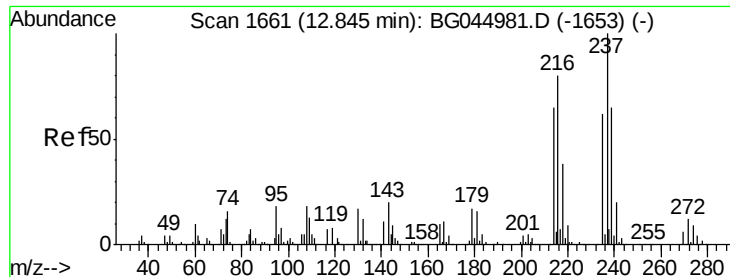
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

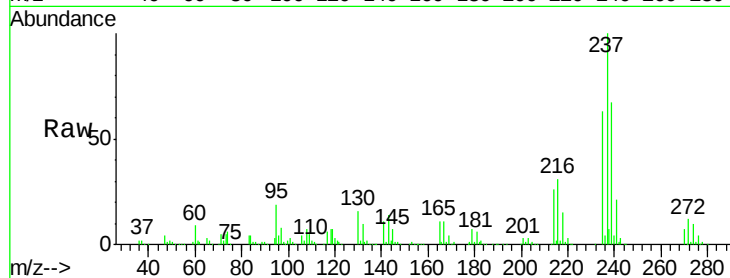




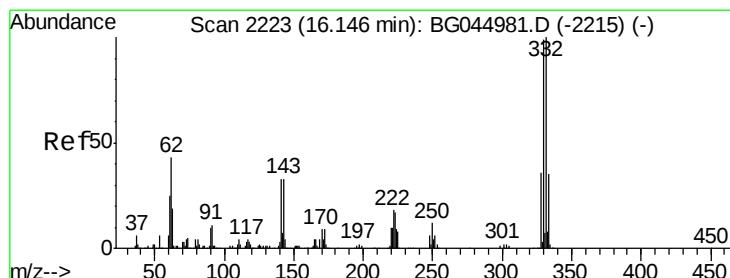
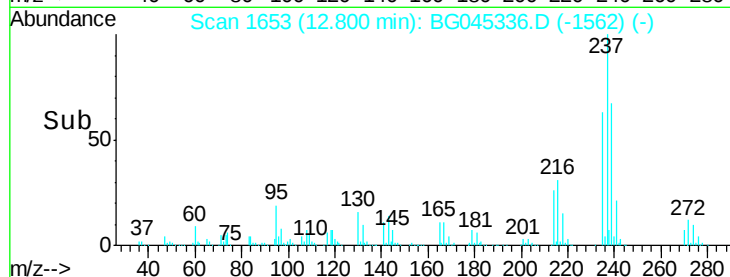
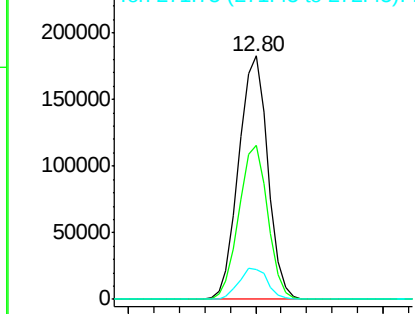
#41
Hexachlorocyclopentadiene
Concen: 81.936 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 290117
Ion Ratio Lower Upper
237 100
235 63.4 41.6 81.6
272 12.3 0.0 32.1

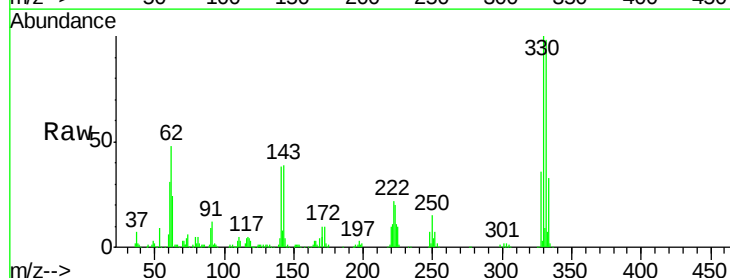


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

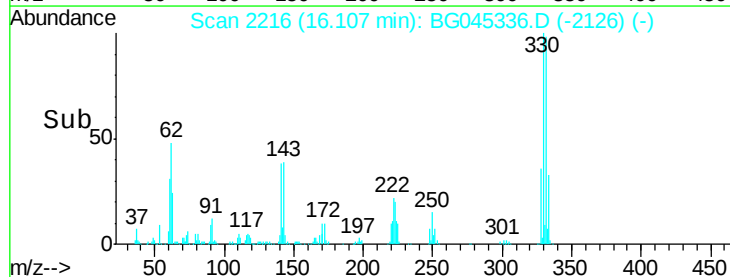
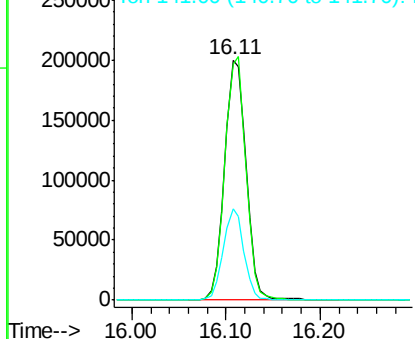


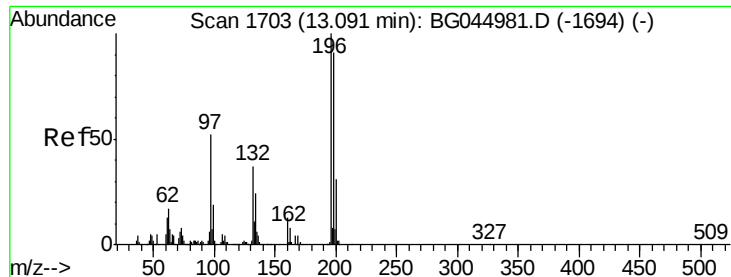
#42
2,4,6-Tribromophenol
Concen: 118.236 ng
RT: 16.11 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:330 Resp: 321390
Ion Ratio Lower Upper
330 100
332 98.5 79.1 118.7
141 36.4 27.1 40.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

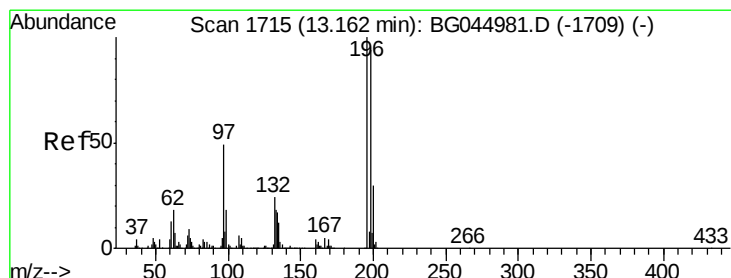
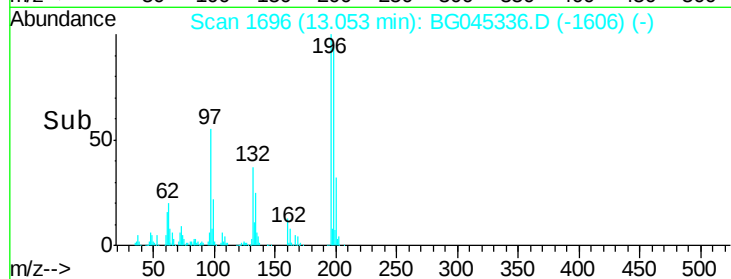
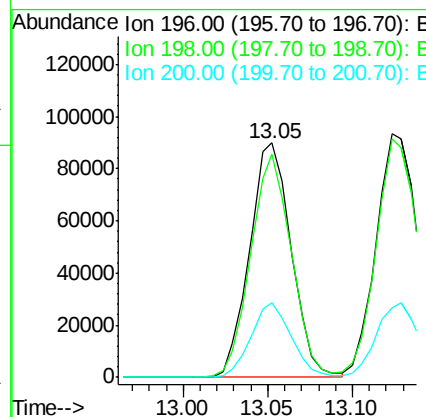
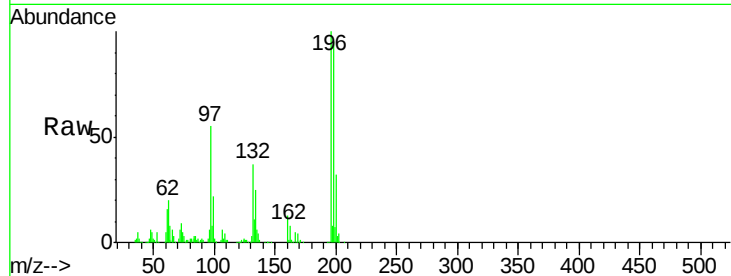




#43
 2,4,6-Trichlorophenol
 Concen: 38.511 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

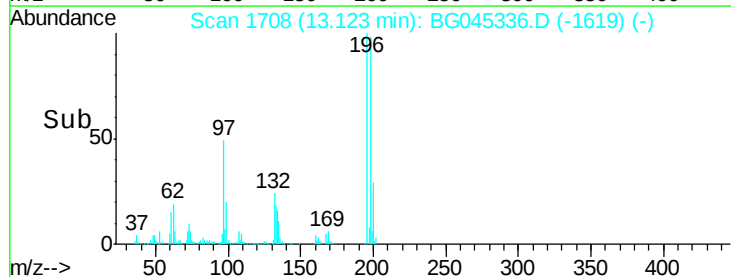
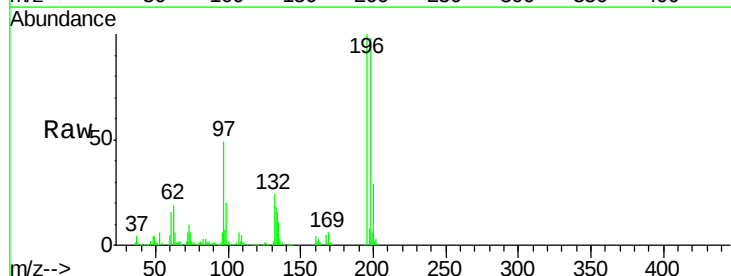
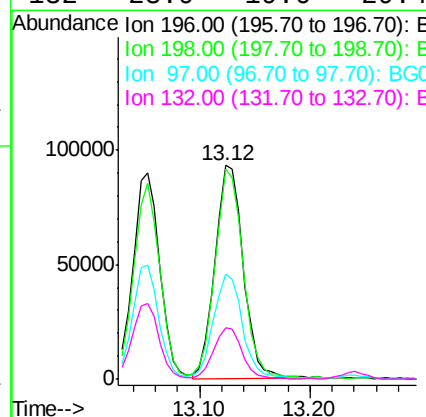
Instrument :
 BNA_G
 ClientSampleId :

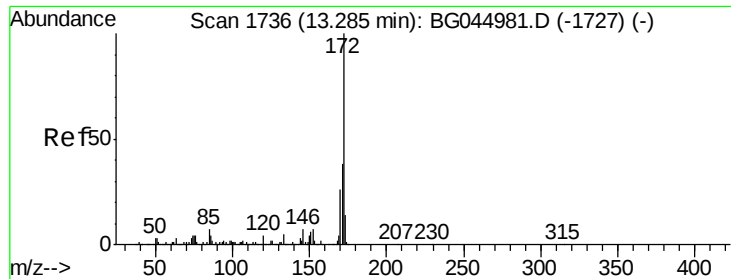
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	72.5	108.7
200	31.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 36.409 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	75.7	113.5
97	49.2	39.6	59.4
132	23.9	19.6	29.4

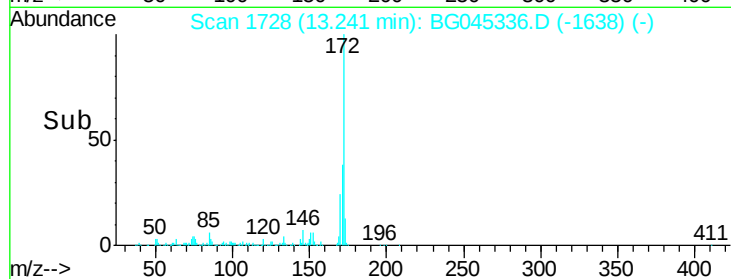
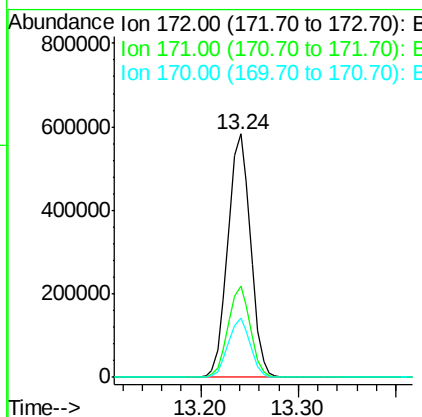
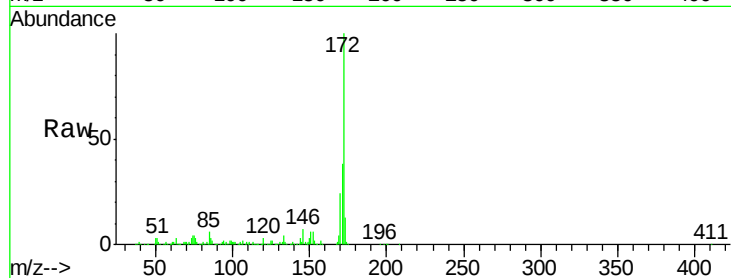




#45
2-Fluorobiphenyl
Concen: 78.458 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

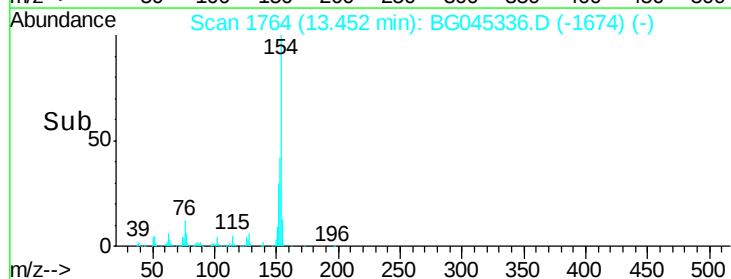
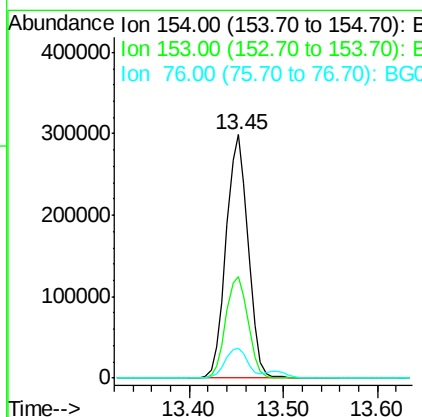
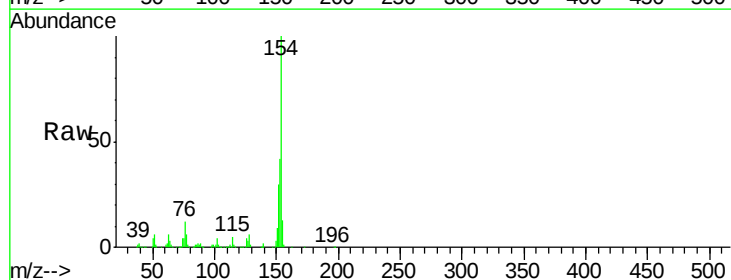
Instrument :
BNA_G
ClientSampleId :

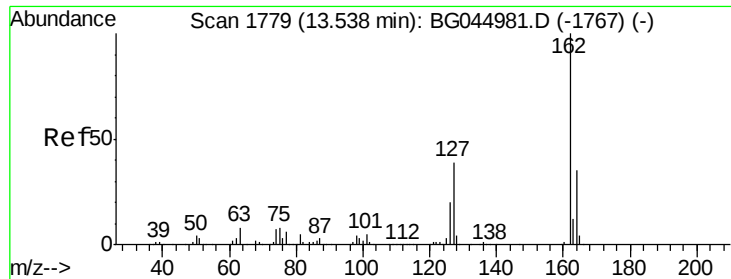
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.6	46.0
170	24.3	20.5	30.7



#46
1,1'-Biphenyl
Concen: 36.285 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.9	61.9
76	12.1	0.0	33.1

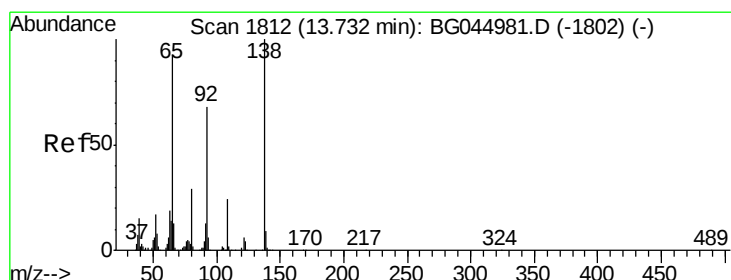
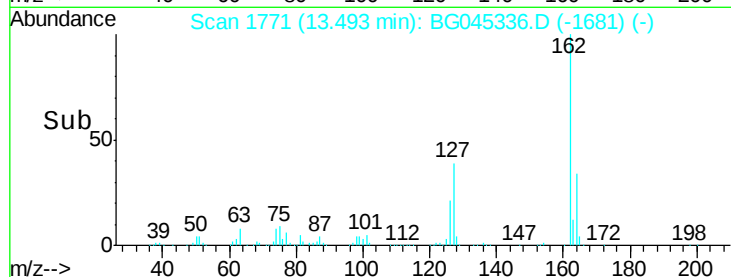
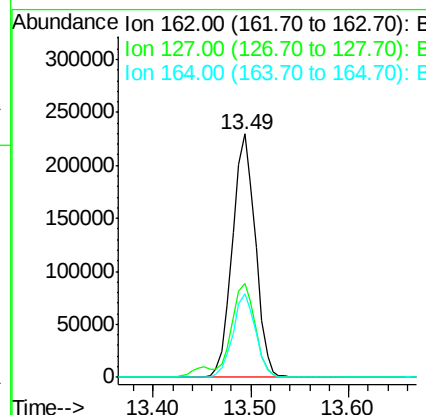
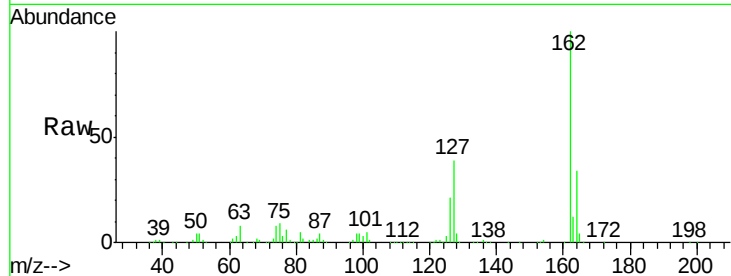




#47
 2-Chloronaphthalene
 Concen: 36.723 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

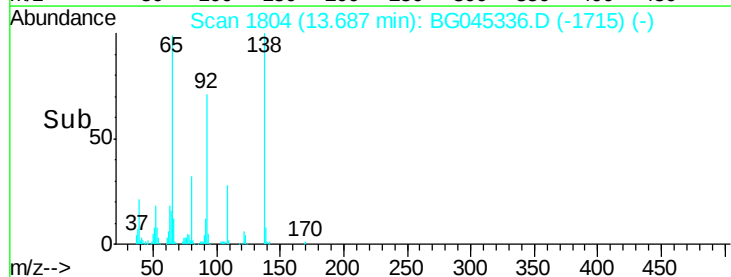
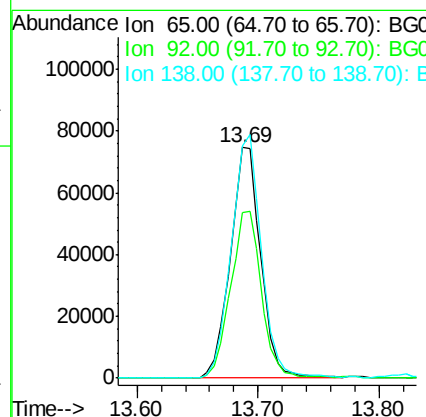
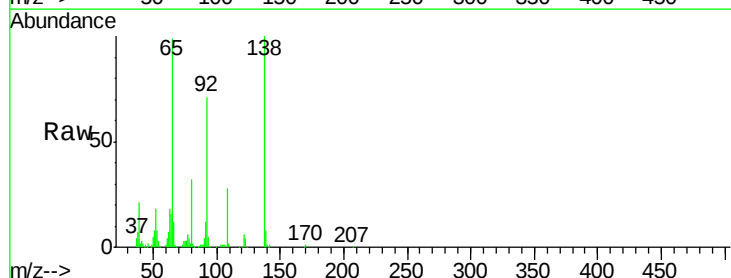
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.3	46.9
164	34.5	27.8	41.8



#48
 2-Nitroaniline
 Concen: 38.921 ng
 RT: 13.69 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	58.3	87.5
138	100.9	85.6	128.4





#49

Acenaphthylene

Concen: 38.948 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

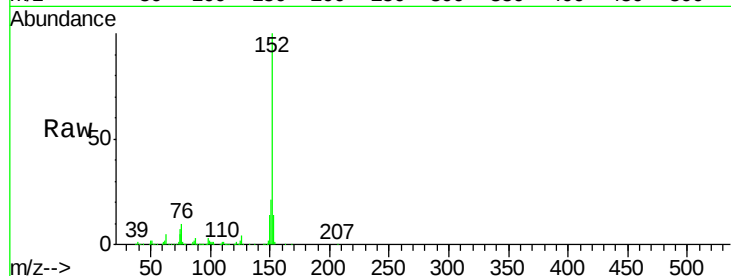
Tot Ion:152 Resp: 648280

Ion Ratio Lower Upper

152 100

151 20.7 17.2 25.8

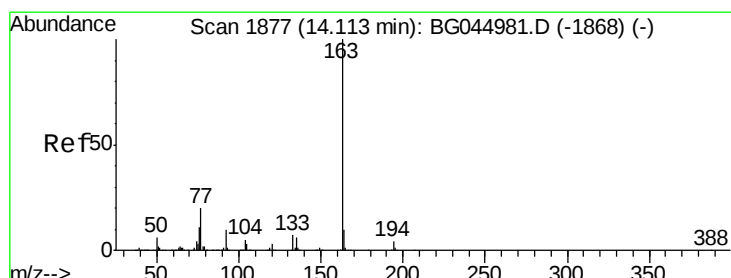
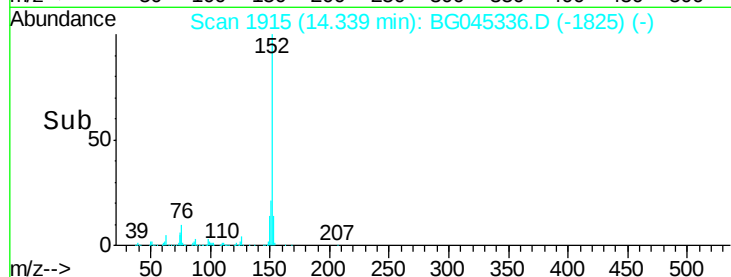
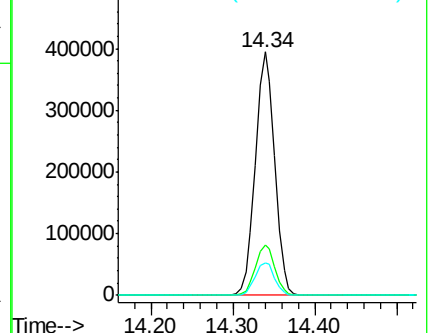
153 13.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.736 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

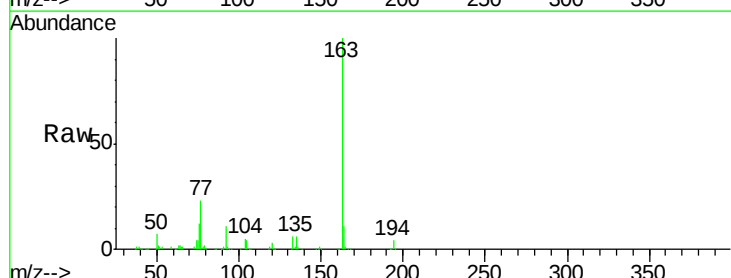
Tgt Ion:163 Resp: 540628

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

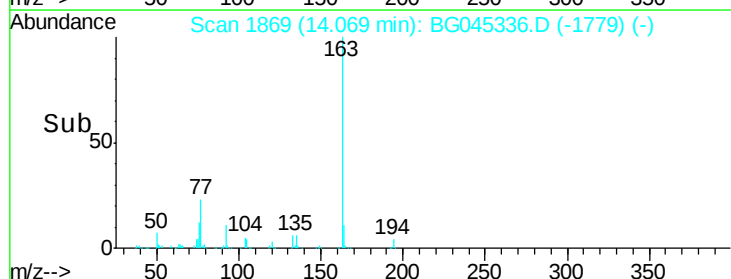
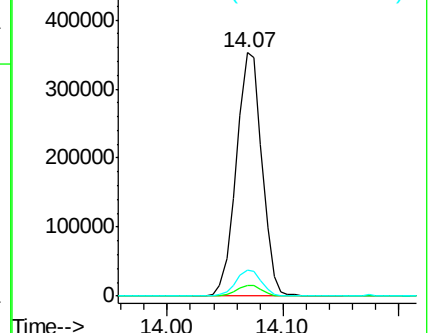
164 10.7 8.2 12.4

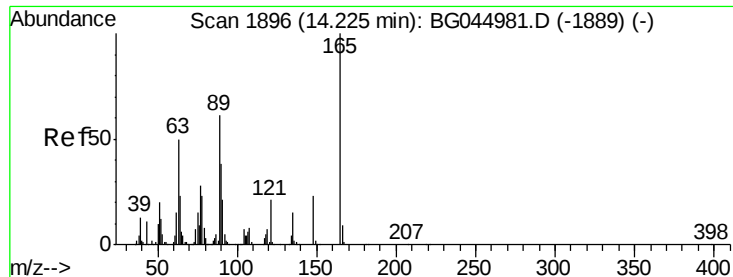


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.514 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

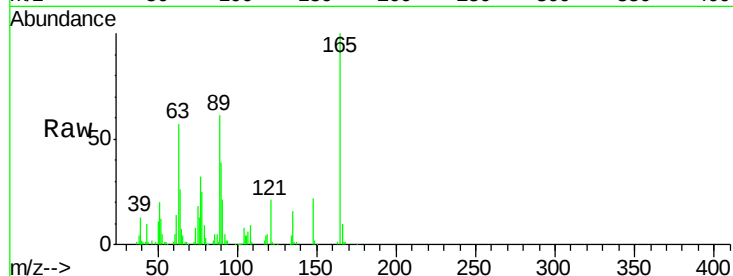
Tot Ion:165 Resp: 123415

Ion Ratio Lower Upper

165 100

63 57.2 40.4 60.6

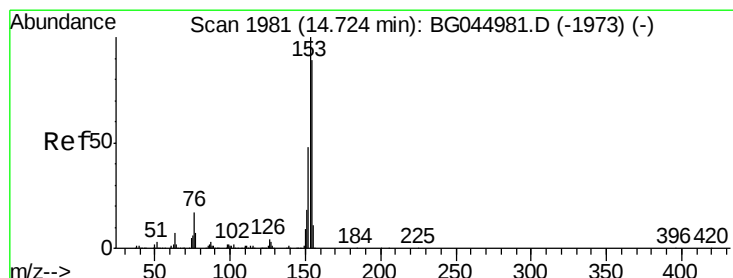
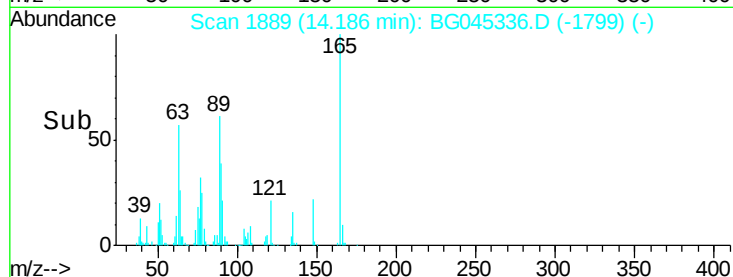
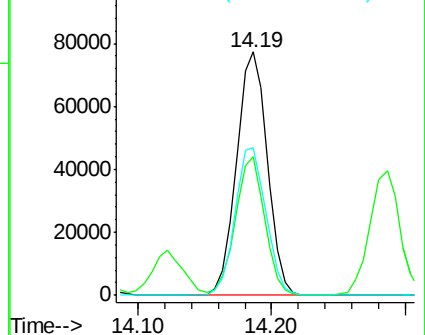
89 60.9 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 34.377 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

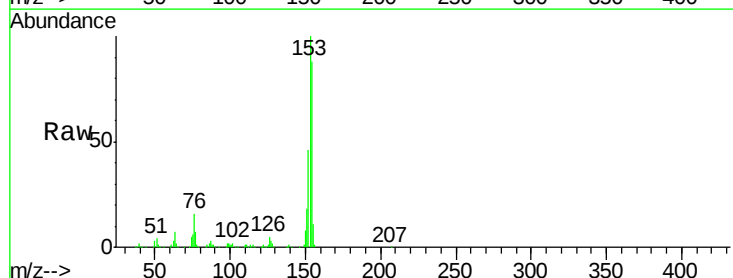
Tgt Ion:154 Resp: 387149

Ion Ratio Lower Upper

154 100

153 114.2 89.7 134.5

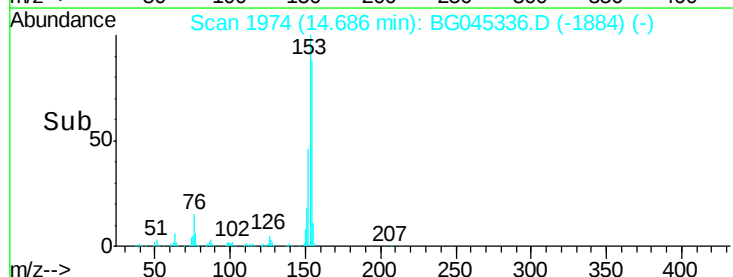
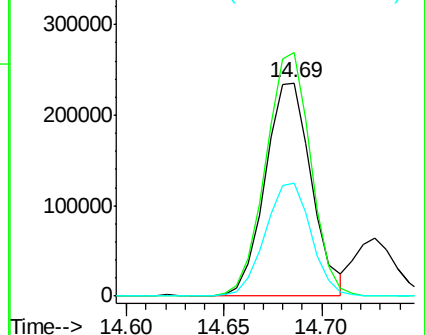
152 52.8 43.1 64.7

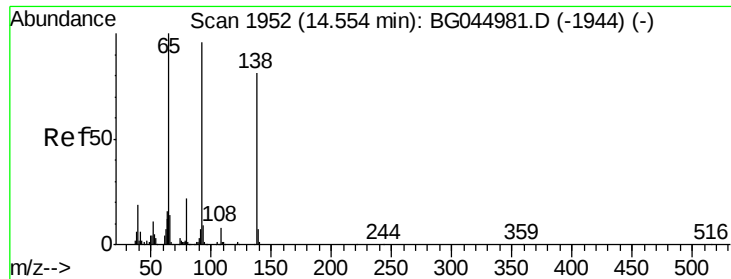


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

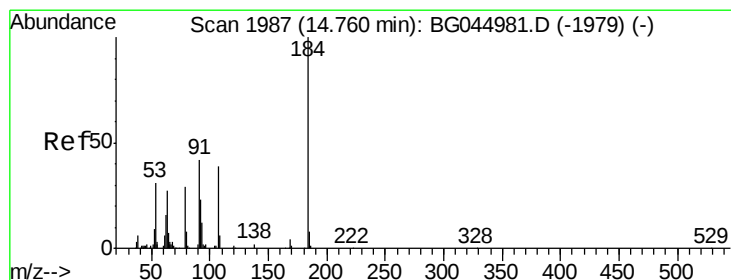
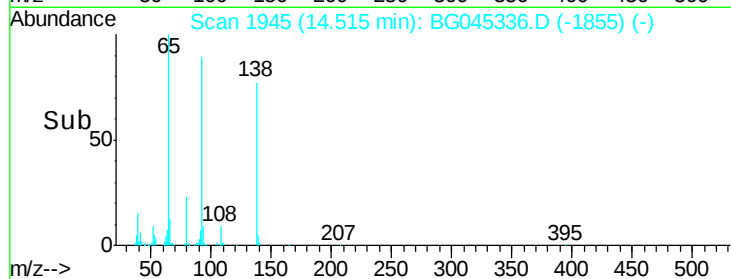
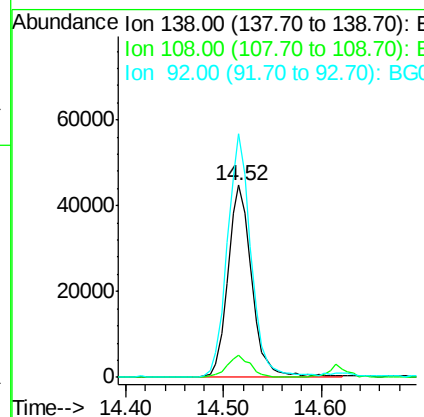
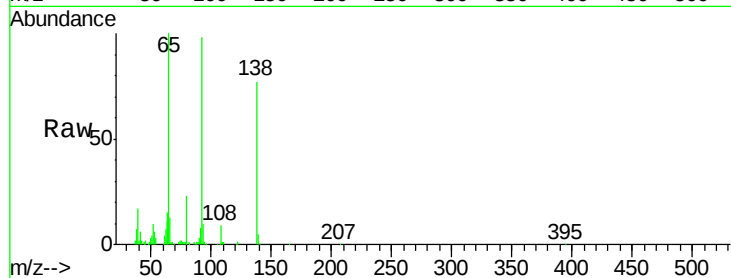




#53
3-Nitroaniline
Concen: 21.655 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

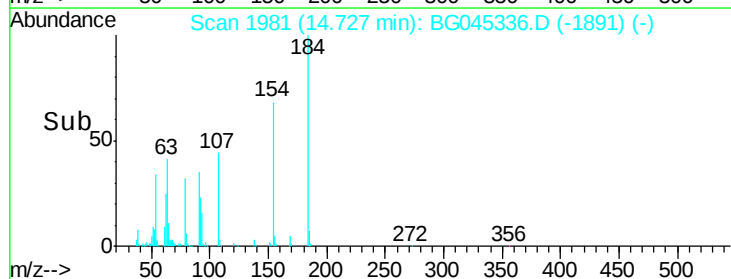
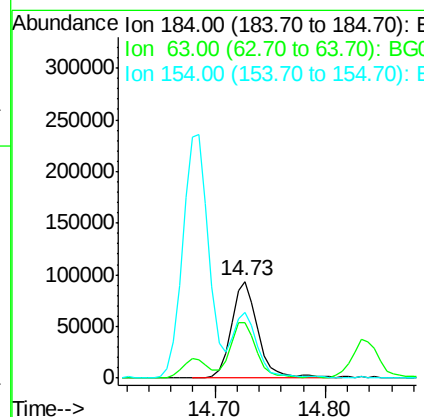
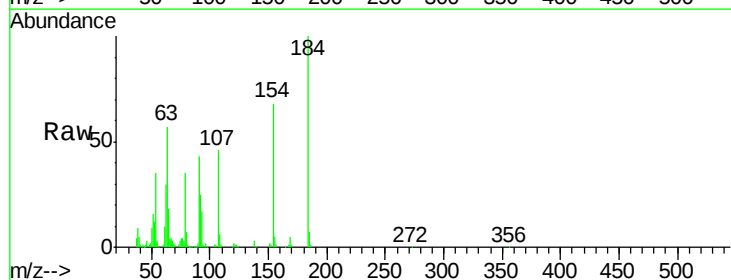
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 76106
Ion Ratio Lower Upper
138 100
108 11.5 7.8 11.8
92 126.6 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 82.480 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:184 Resp: 157164
Ion Ratio Lower Upper
184 100
63 57.3 41.5 62.3
154 68.3 52.3 78.5





#55

Dibenzenofuran

Concen: 38.035 ng

RT: 15.02 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

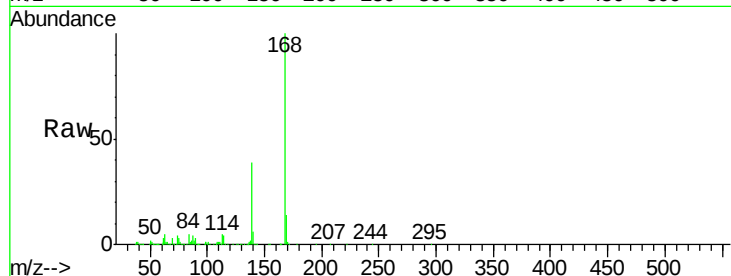
Instrument :

BNA_G

ClientSampleId :

Tot Ion:168 Resp: 624485

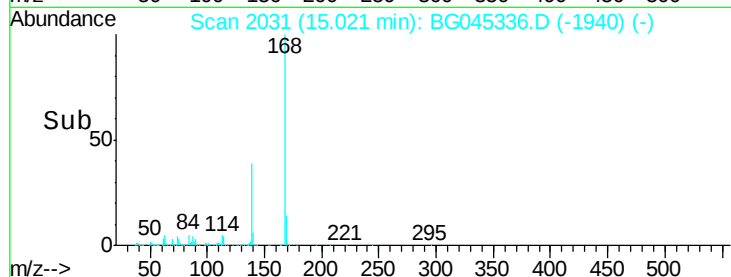
Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.4	45.6
169	13.9	11.0	16.4



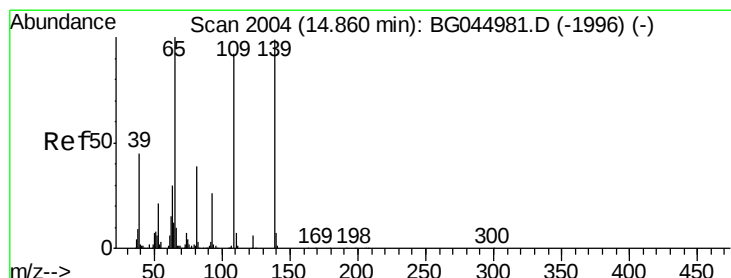
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 75.009 ng

RT: 14.84 min Scan# 2000

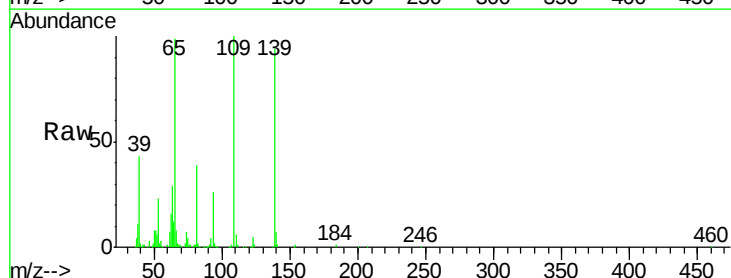
Delta R.T. 0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:139 Resp: 204403

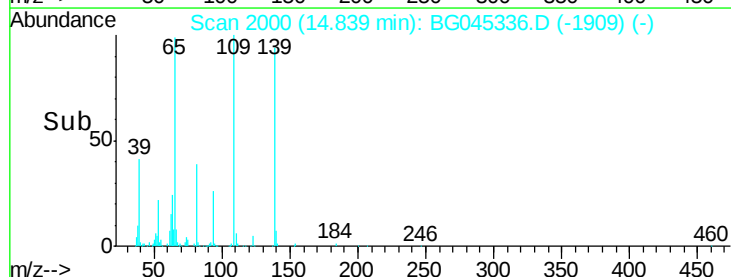
Ion	Ratio	Lower	Upper
139	100		
109	106.1	73.6	113.6
65	105.5	81.2	121.2



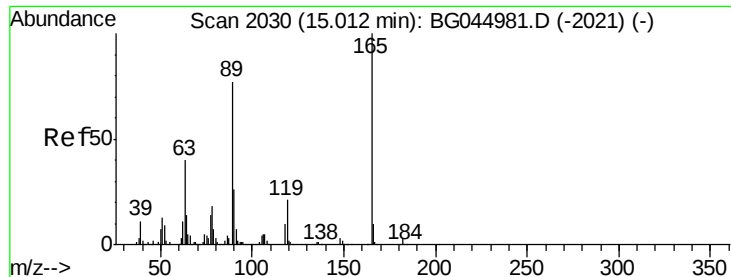
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



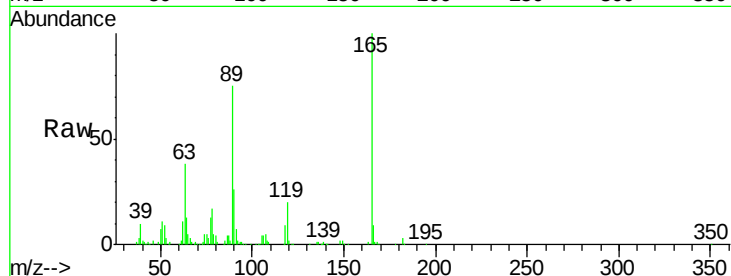
Time-->



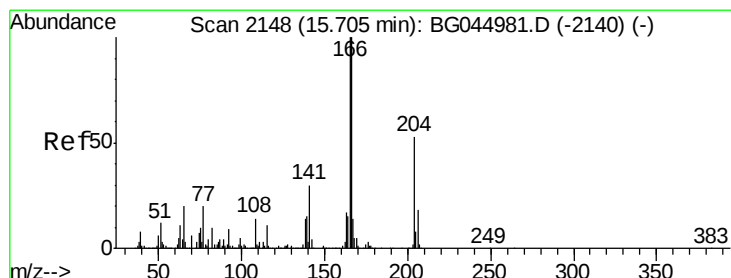
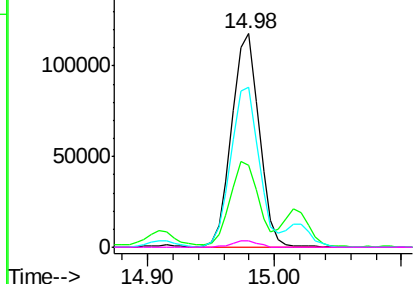
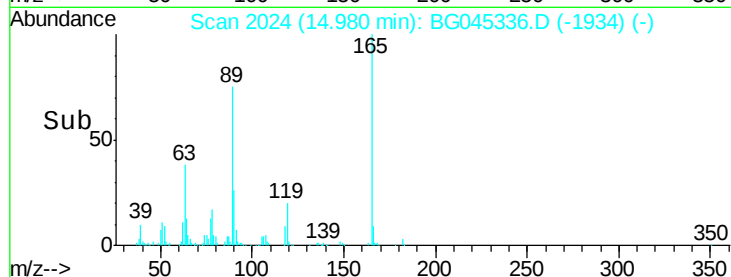
#57
 2,4-Dinitrotoluene
 Concen: 37.811 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 177070
 Ion Ratio Lower Upper
 165 100
 63 38.4 32.2 48.2
 89 75.1 61.7 92.5
 182 3.2 2.0 3.0#

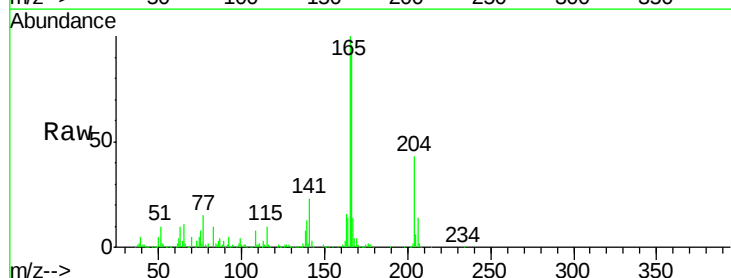


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

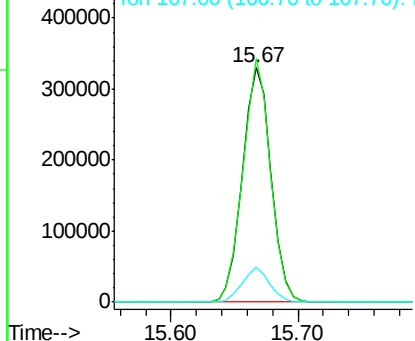
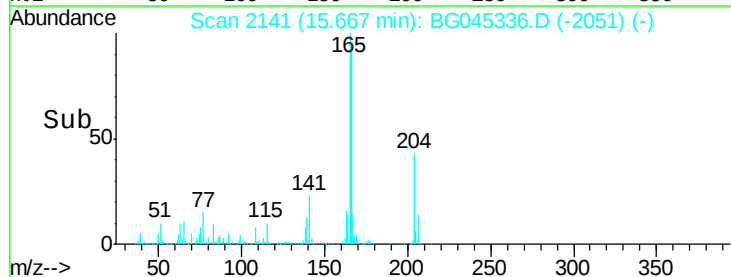


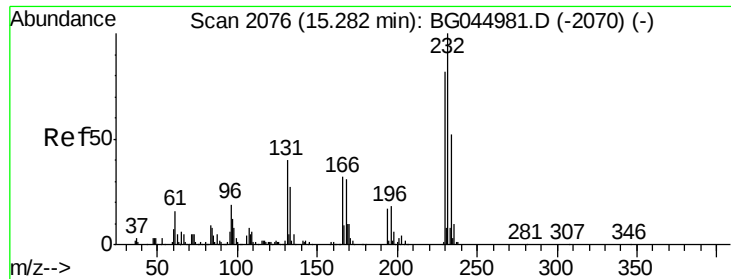
#58
 Fluorene
 Concen: 38.456 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:166 Resp: 515742
 Ion Ratio Lower Upper
 166 100
 165 103.9 79.9 119.9
 167 14.9 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

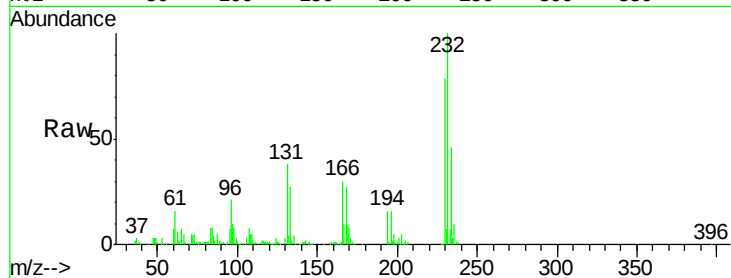




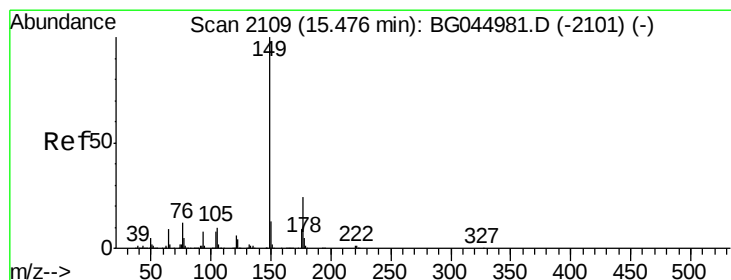
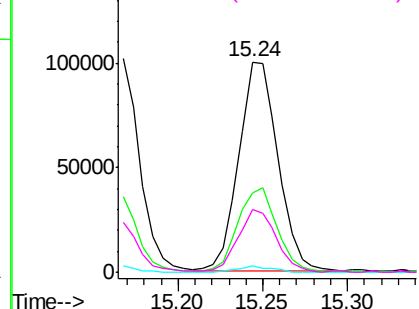
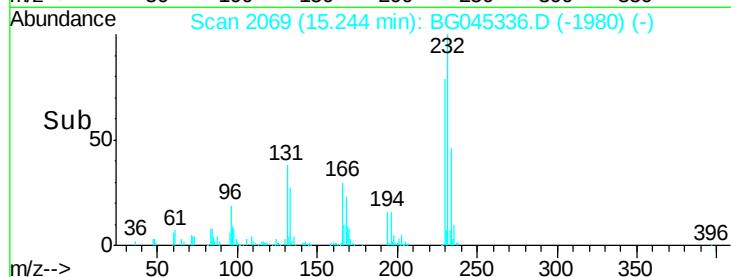
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.797 ng
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	161154
Ion Ratio	Lower	Upper
232	100	
131	39.9	32.2 48.2
130	2.6	2.2 3.2
166	29.4	24.2 36.4

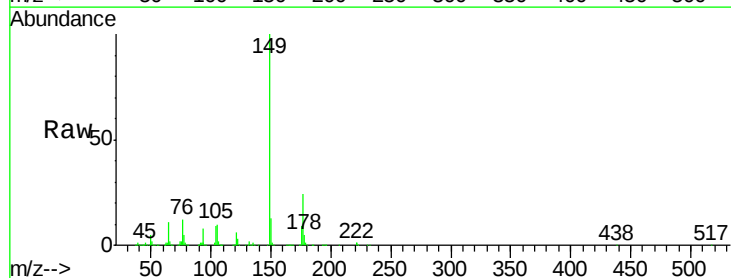


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

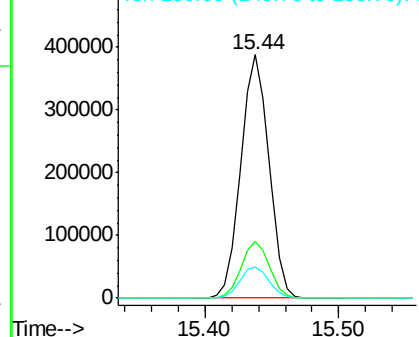
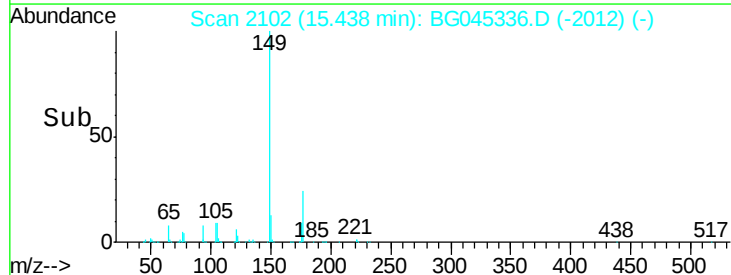


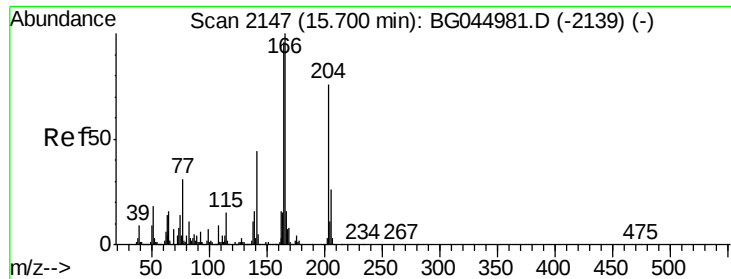
#60
 Diethylphthalate
 Concen: 37.654 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:149	Resp:	562441
Ion Ratio	Lower	Upper
149	100	
177	23.5	18.9 28.3
150	13.0	10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

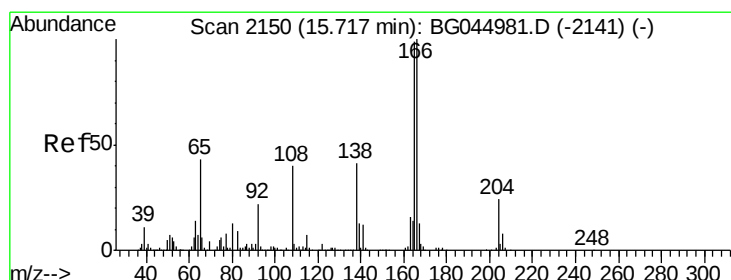
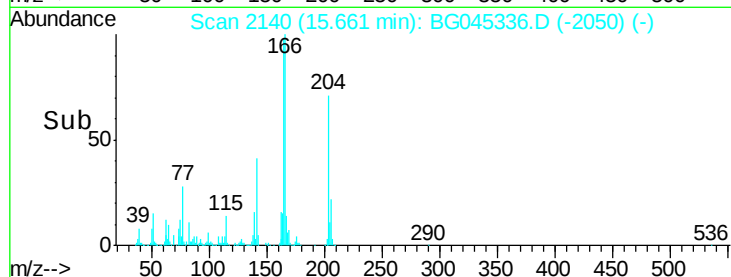
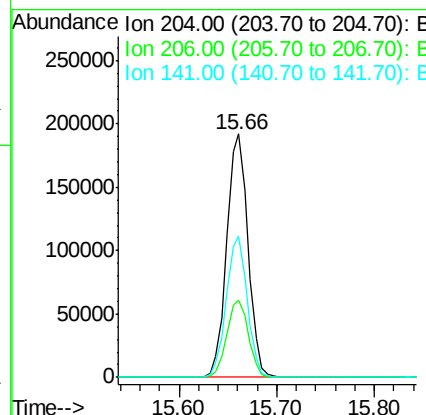
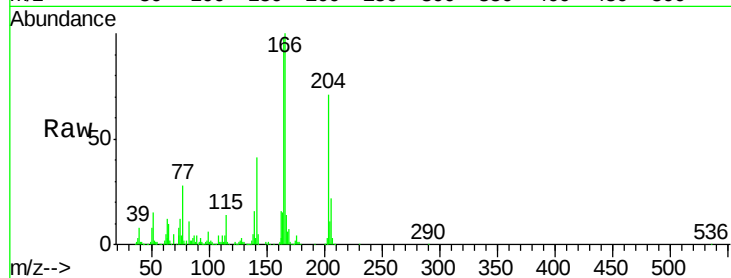




#61
4-Chlorophenyl-phenylether
Concen: 37.382 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

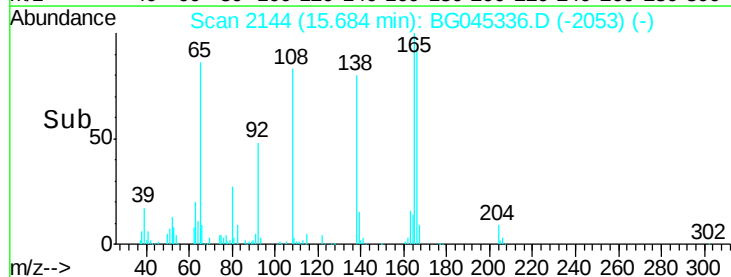
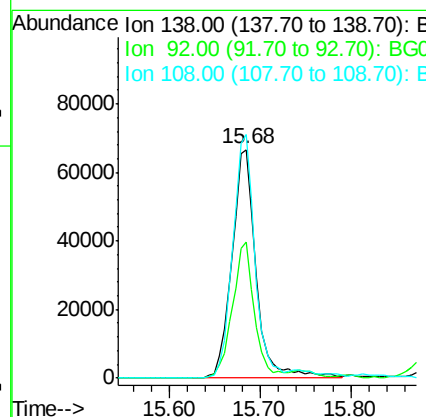
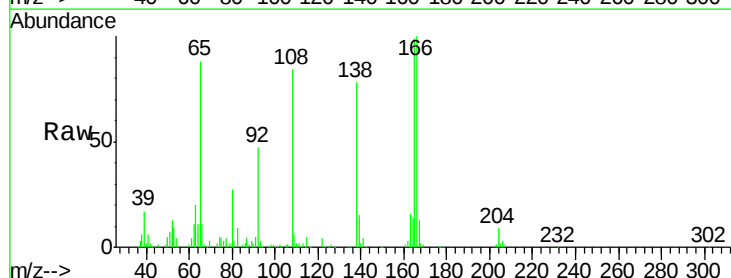
Instrument :
BNA_G
ClientSampled :

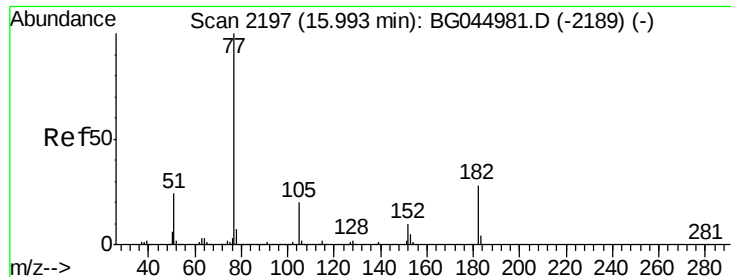
Tot Ion:204 Resp: 288566
Ion Ratio Lower Upper
204 100
206 31.5 26.9 40.3
141 57.8 46.3 69.5



#62
4-Nitroaniline
Concen: 34.031 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:138 Resp: 124054
Ion Ratio Lower Upper
138 100
92 59.7 33.6 73.6
108 106.6 78.2 118.2





#63

Azobenzene

Concen: 38.351 ng

RT: 15.95 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 528142

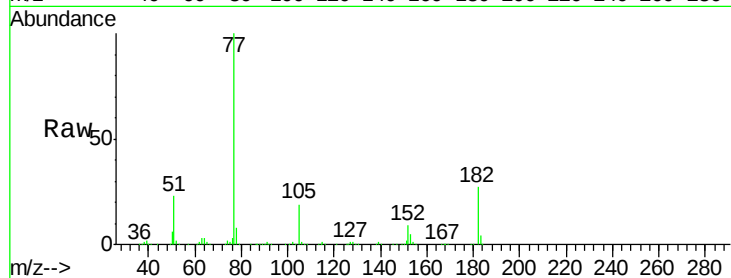
Ion Ratio Lower Upper

77 100

182 27.0 8.4 48.4

105 19.0 0.5 40.5

51 23.2 4.4 44.4

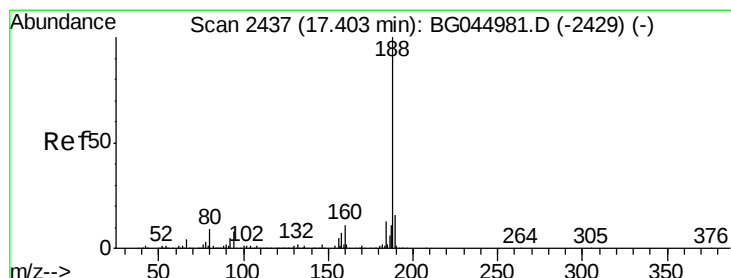
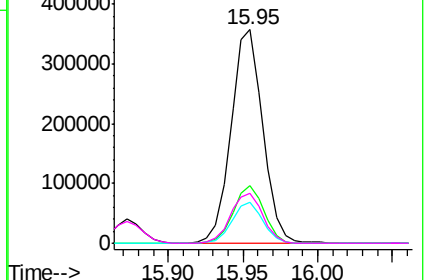
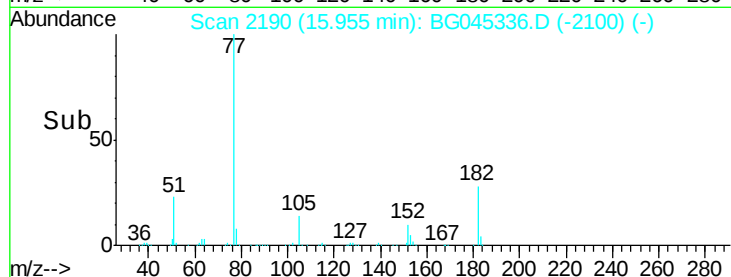


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

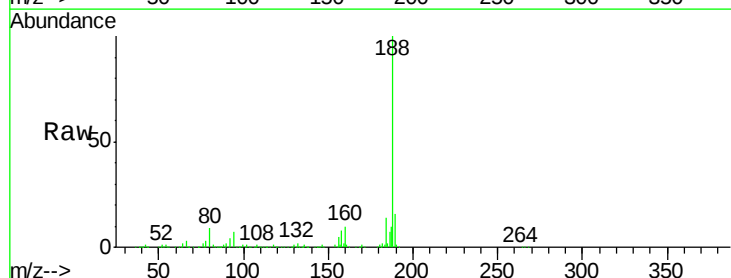
Tgt Ion: 188 Resp: 433365

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

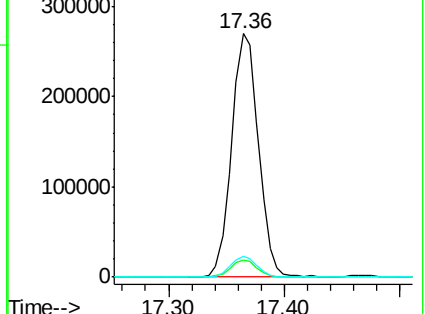
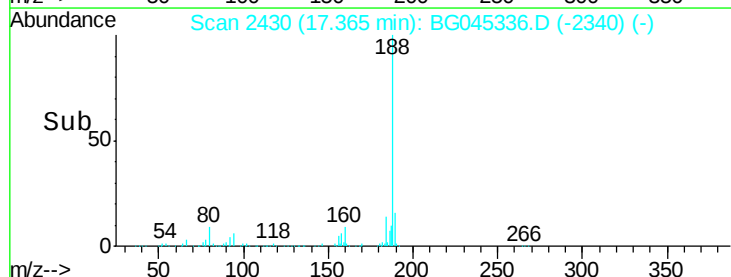
80 8.7 7.0 10.6

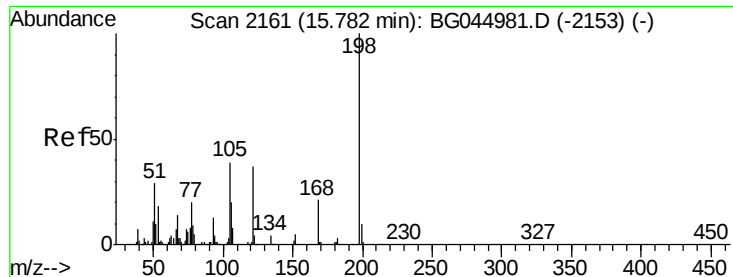


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.682 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

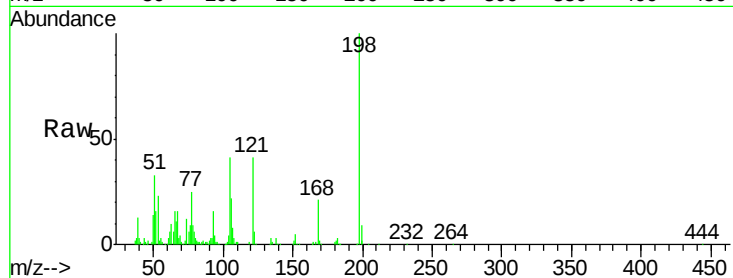
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 118731

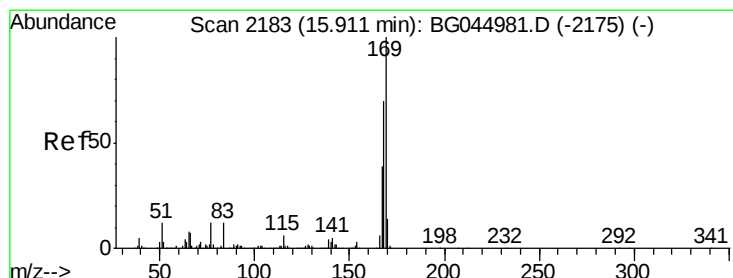
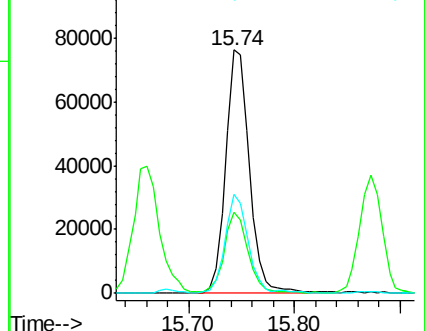
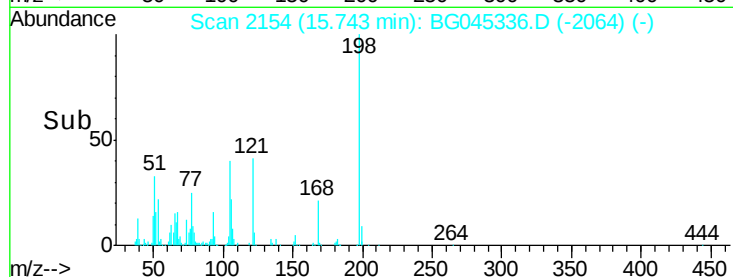
Ion	Ratio	Lower	Upper
198	100		
51	33.5	10.0	50.0
105	40.6	18.9	58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): B

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.893 ng

RT: 15.87 min Scan# 2176

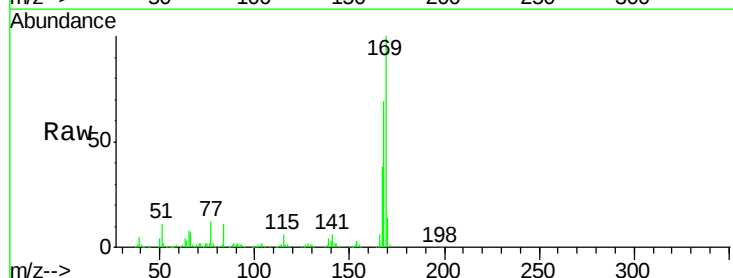
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:169 Resp: 471818

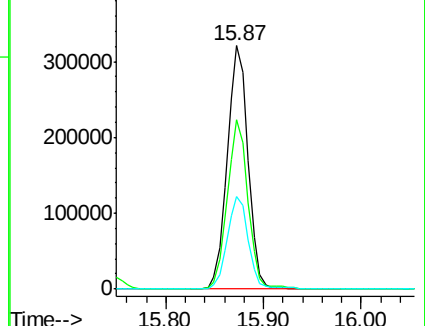
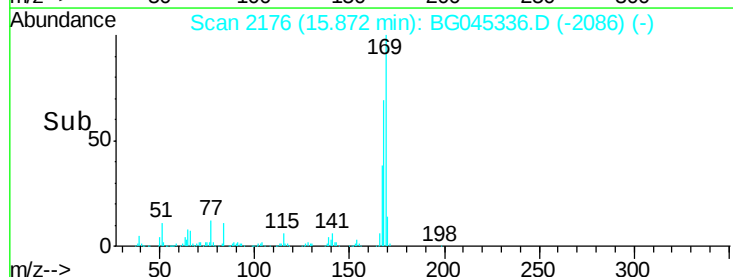
Ion	Ratio	Lower	Upper
169	100		
168	69.5	55.8	83.8
167	38.2	30.8	46.2

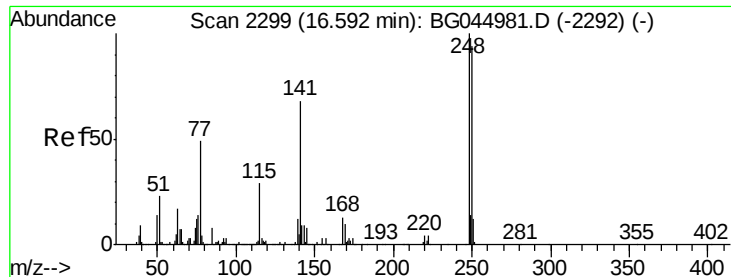


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

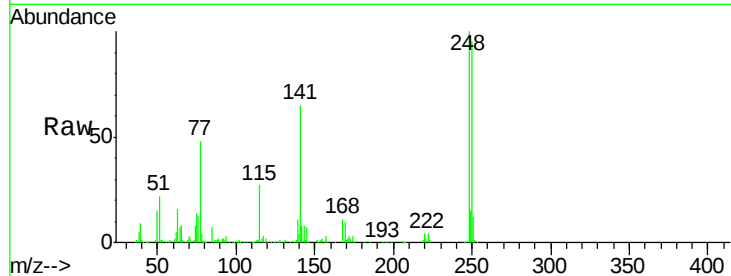




#67
4-Bromophenyl-phenylether
Concen: 35.951 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	75.4	113.2
141	65.1	54.4	81.6

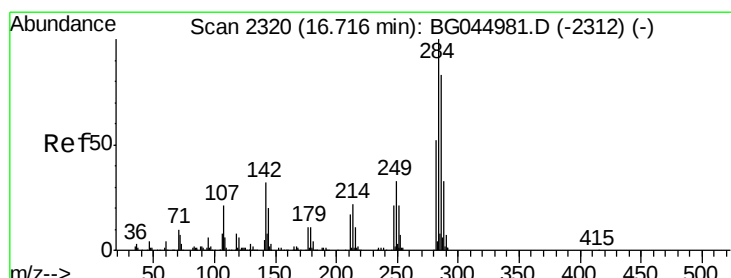
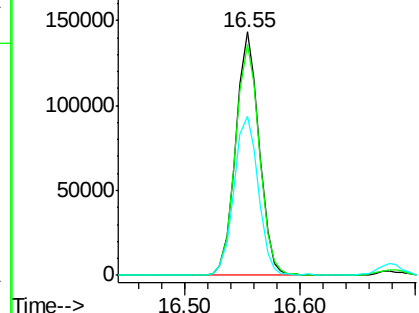
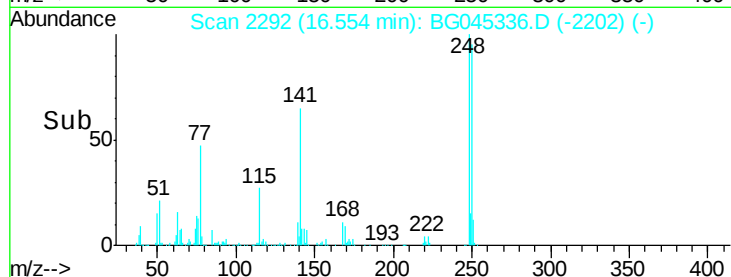


Abundance

Ion 248.00 (247.70 to 248.70): E

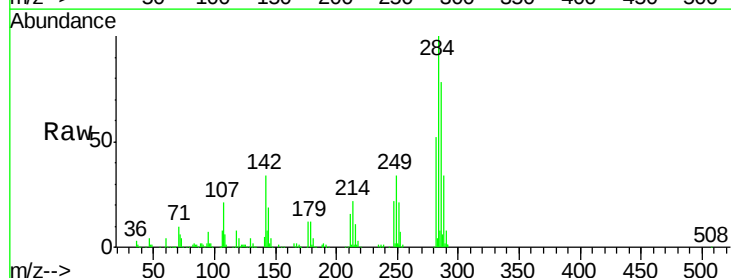
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.605 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	25.8	38.6
249	33.8	26.6	39.8

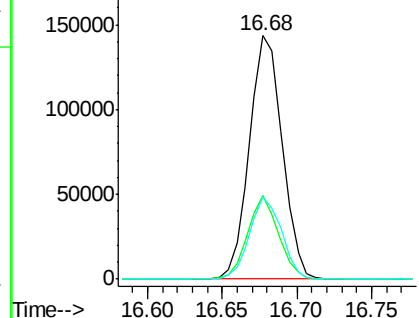
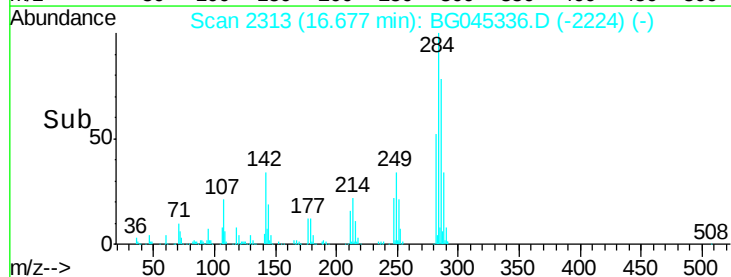


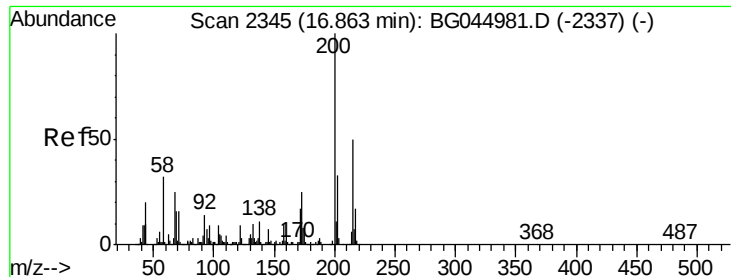
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.805 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

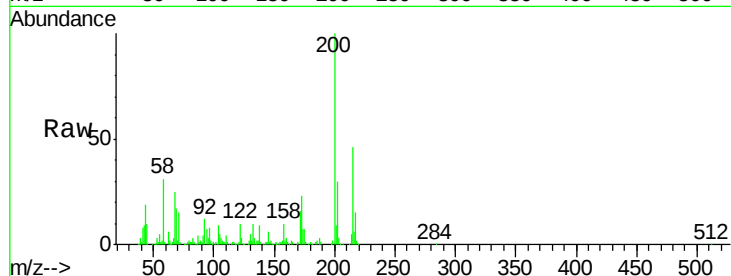
Tot Ion:200 Resp: 187339

Ion Ratio Lower Upper

200 100

173 22.6 4.5 44.5

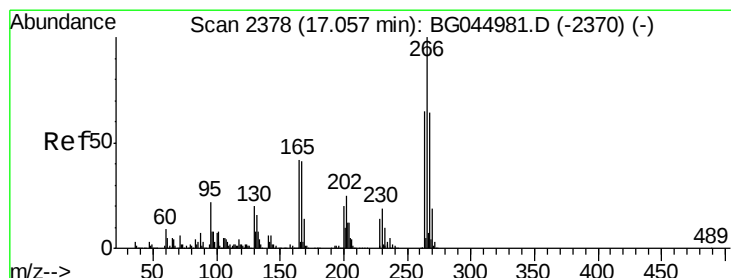
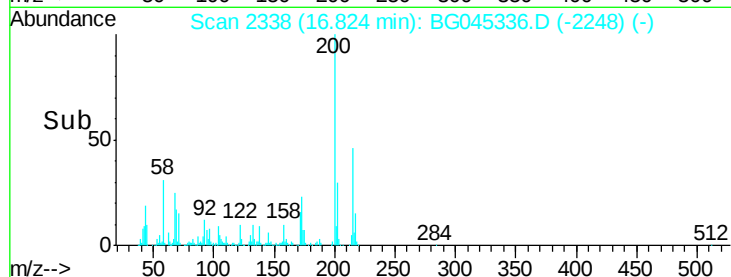
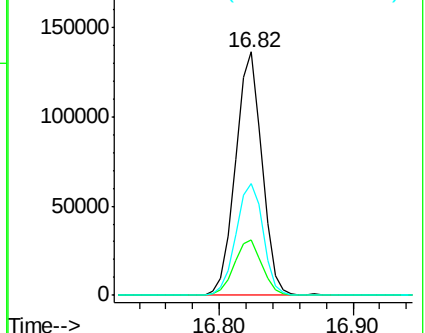
215 45.8 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.123 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

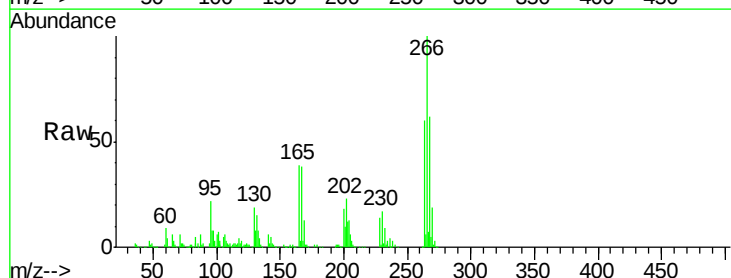
Tgt Ion:266 Resp: 260101

Ion Ratio Lower Upper

266 100

268 62.1 51.5 77.3

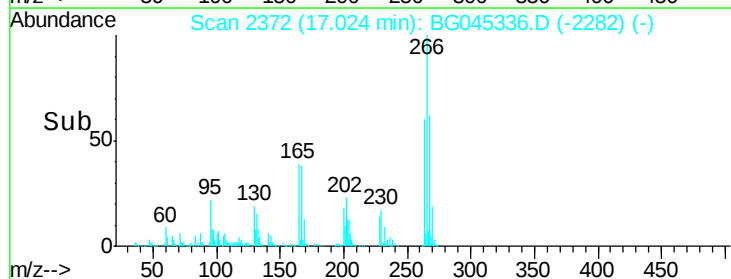
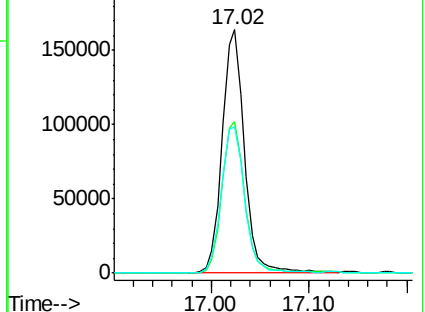
264 60.1 52.2 78.4

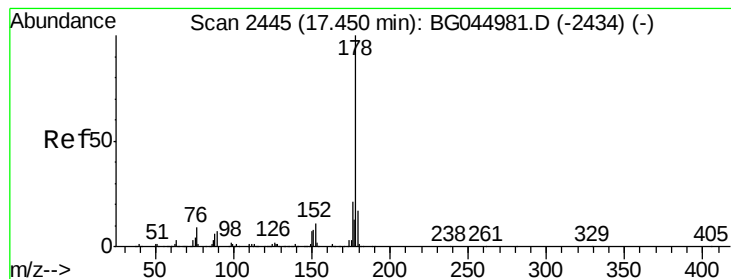


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.873 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

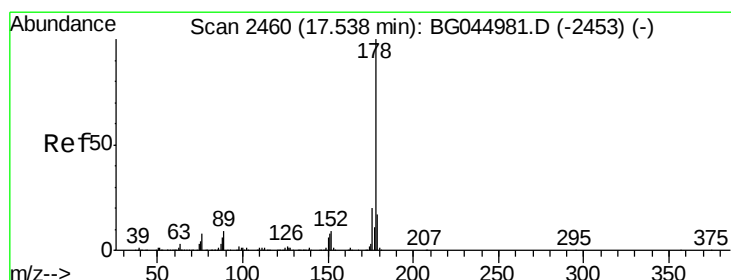
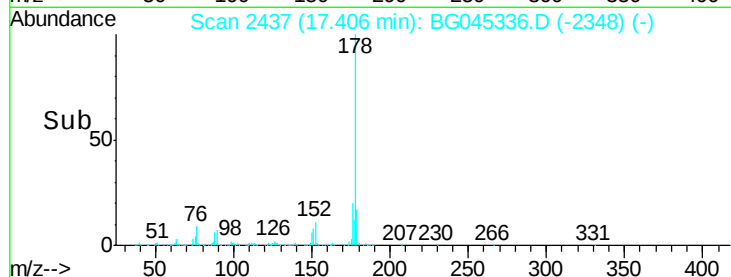
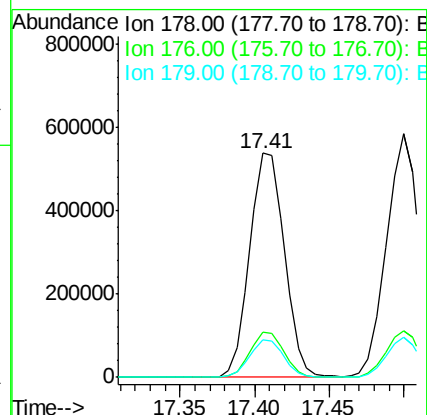
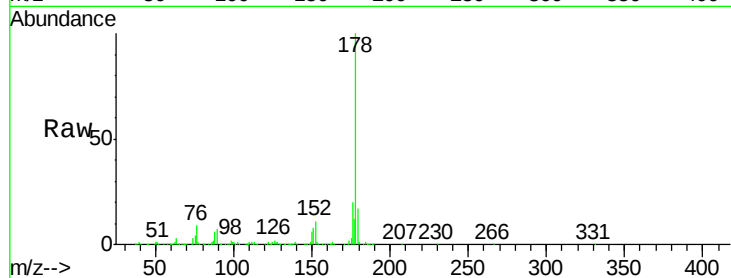
Tot Ion:178 Resp: 865684

Ion Ratio Lower Upper

178 100

176 20.0 16.8 25.2

179 16.8 13.2 19.8



#72

Anthracene

Concen: 40.196 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

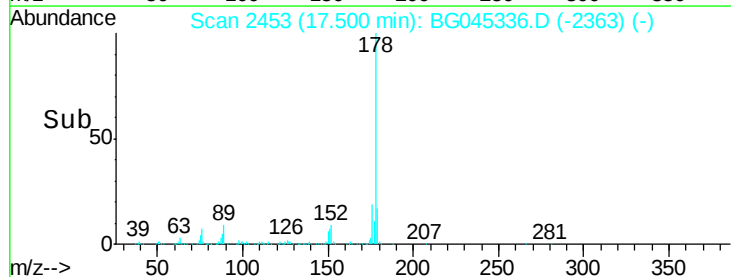
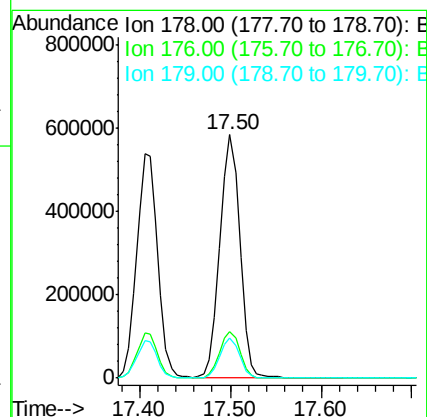
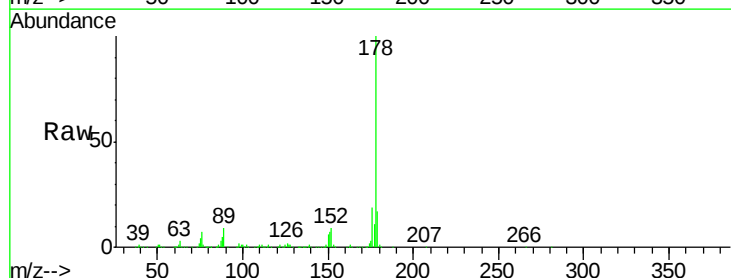
Tgt Ion:178 Resp: 897915

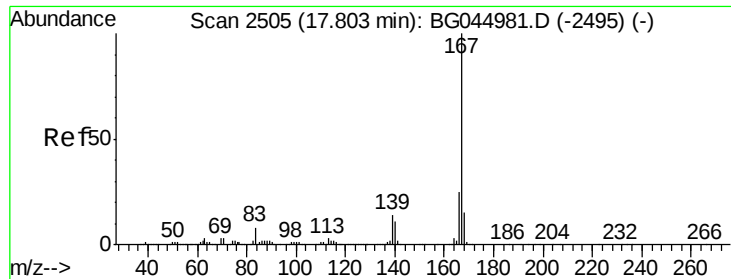
Ion Ratio Lower Upper

178 100

176 18.9 16.0 24.0

179 16.7 13.6 20.4

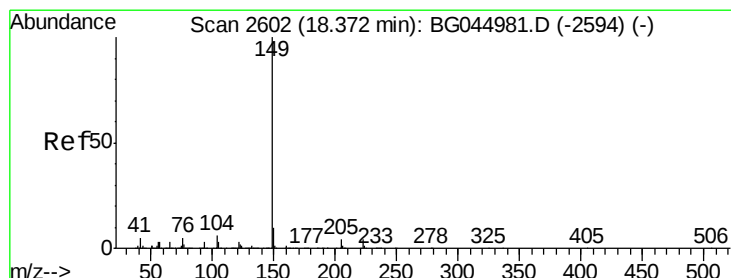
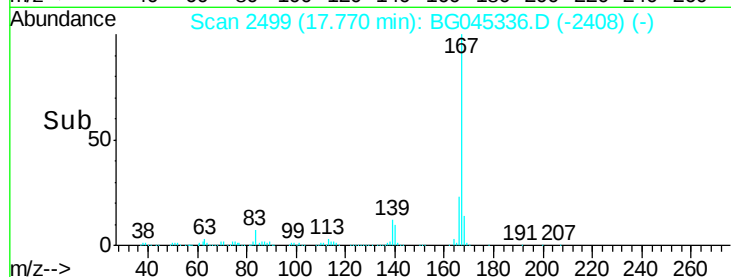
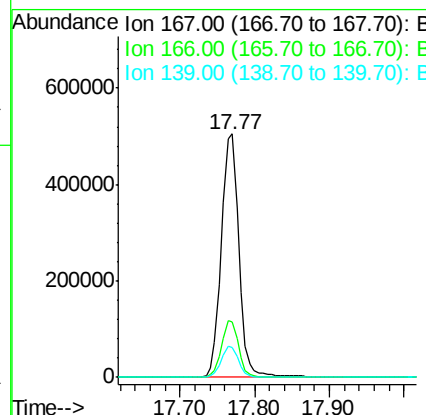
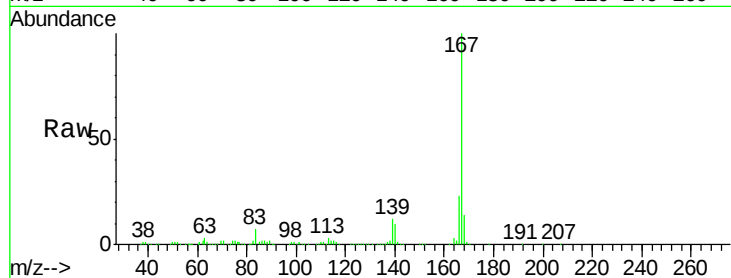




#73
 Carbazole
 Concen: 36.526 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

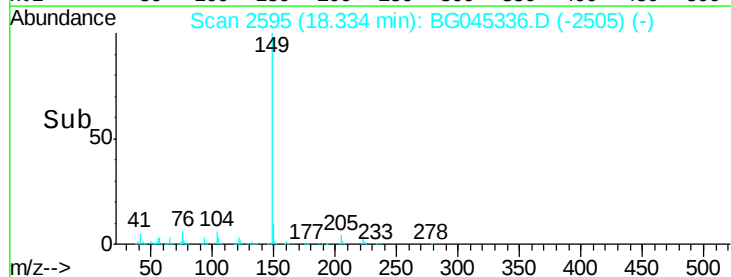
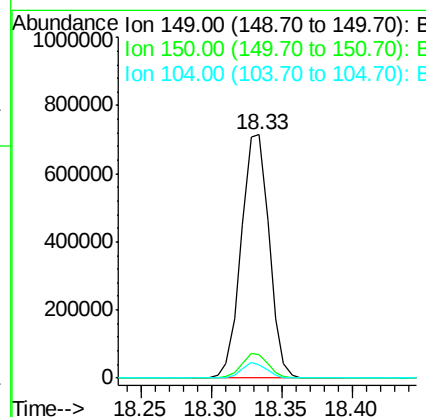
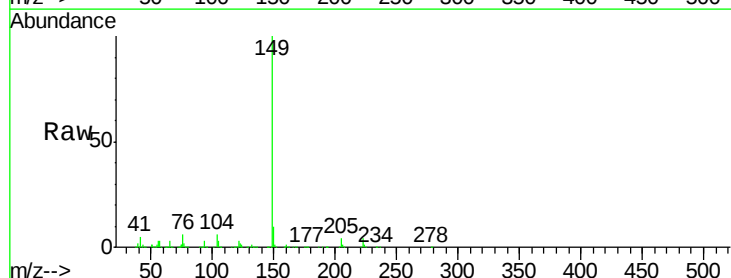
Instrument :
 BNA_G
 ClientSampleId :

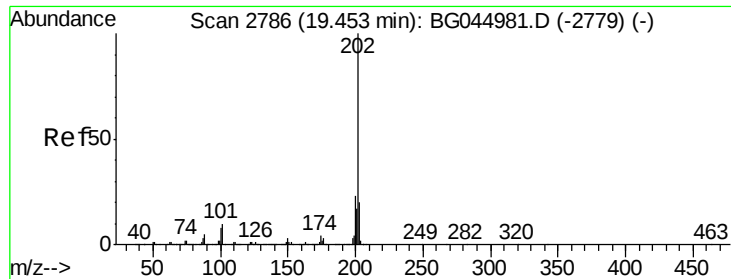
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.8	29.6
139	12.3	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 39.172 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.2
104	5.7	4.8	7.2

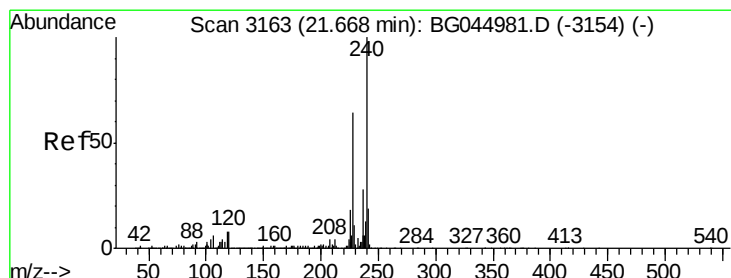
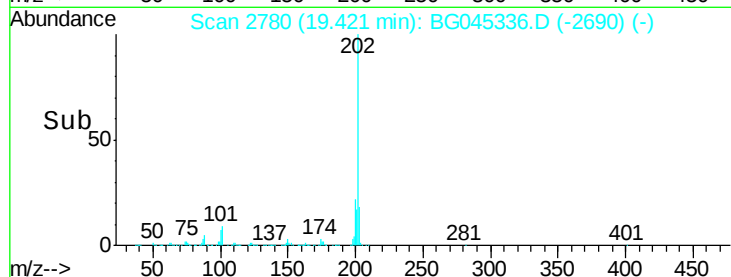
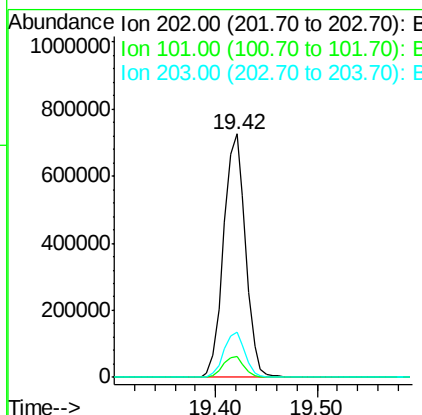
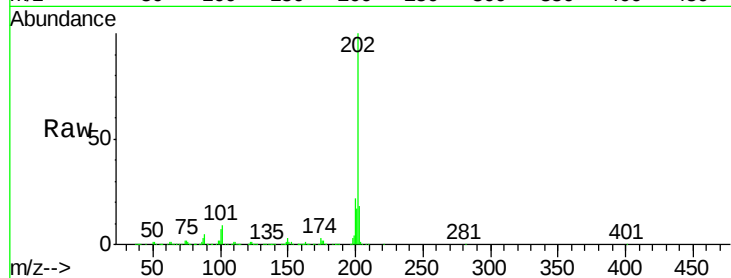




#75
 Fluoranthene
 Concen: 40.909 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

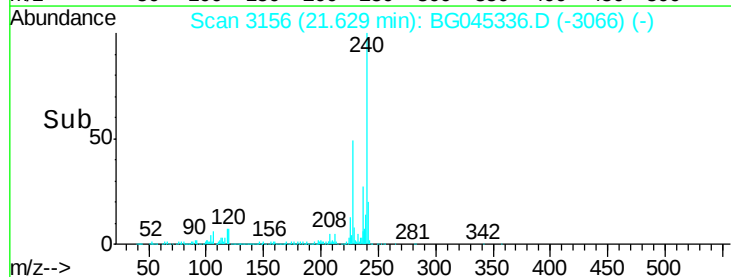
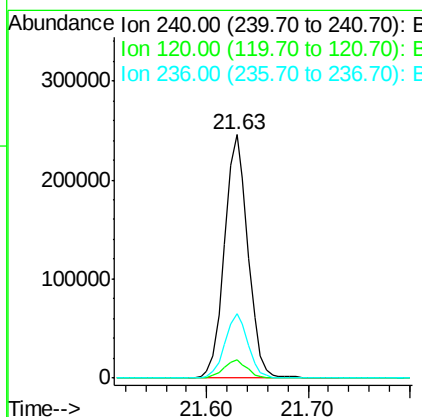
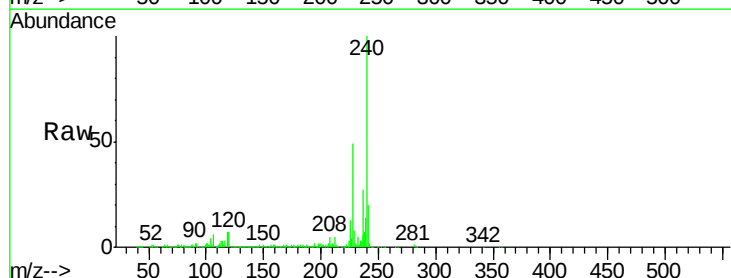
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1085483
 Ion Ratio Lower Upper
 202 100
 101 8.6 0.0 29.6
 203 18.4 0.0 39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: BG045336.D
 Acq: 12 May 2020 19:46

Tgt Ion:240 Resp: 394624
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.6 10.0
 236 26.5 22.2 33.2





#77

Benzidine

Concen: 56.372 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampled :

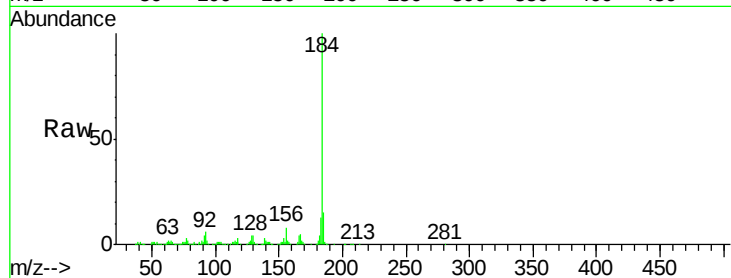
Tot Ion:184 Resp: 627122

Ion Ratio Lower Upper

184 100

185 14.8 12.6 19.0

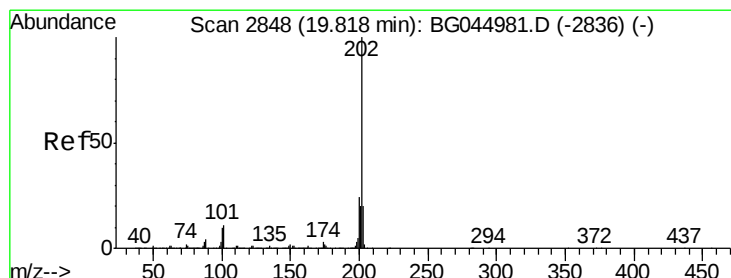
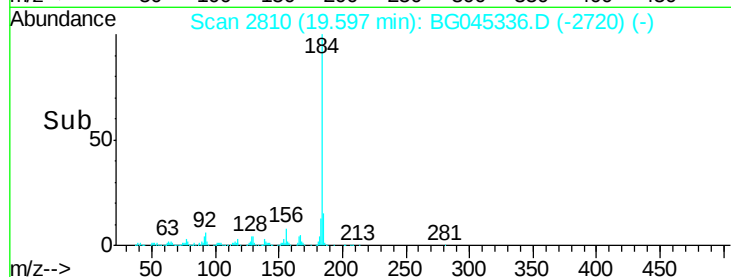
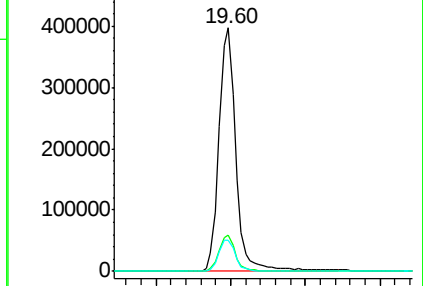
183 12.6 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.449 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

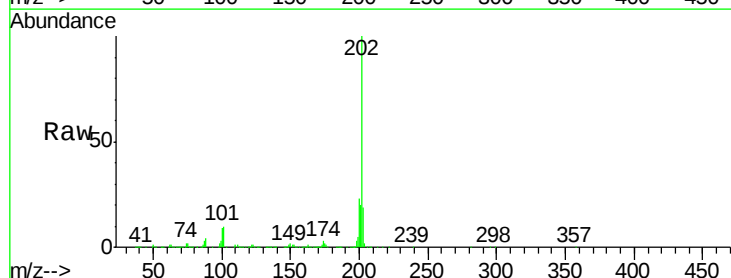
Tgt Ion:202 Resp: 1073241

Ion Ratio Lower Upper

202 100

200 22.9 19.0 28.6

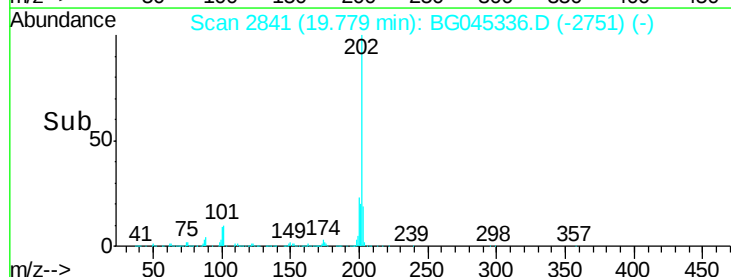
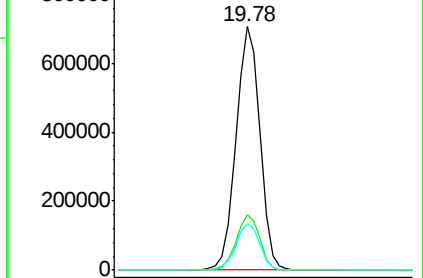
203 19.3 16.1 24.1

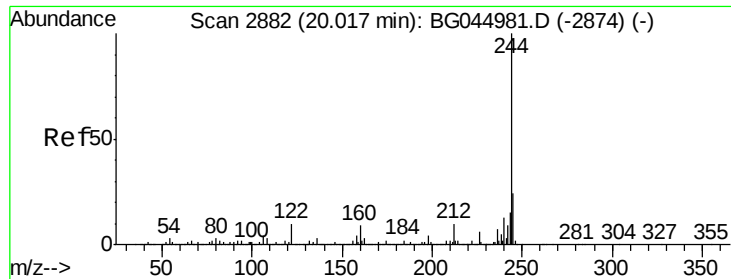


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.376 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

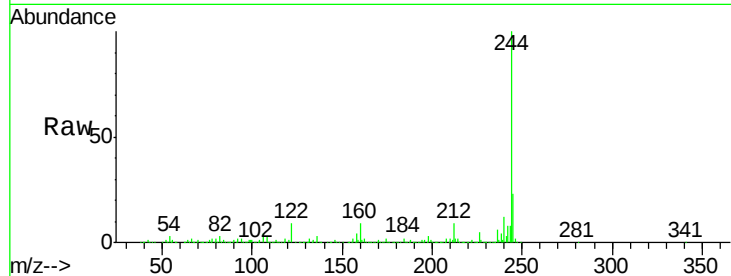
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1690623

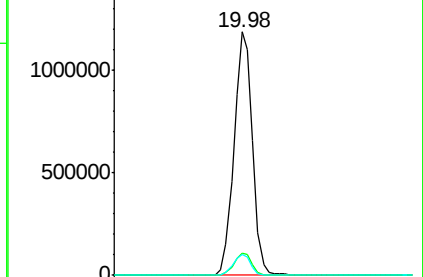
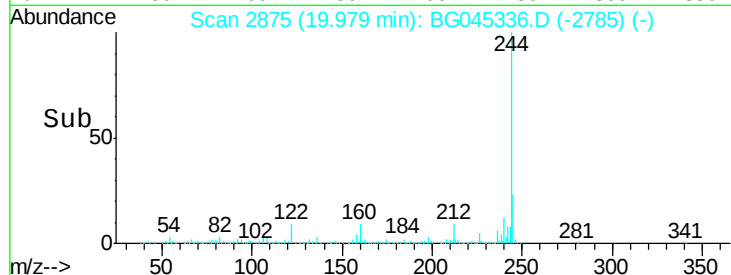
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	8.8	7.7	11.5



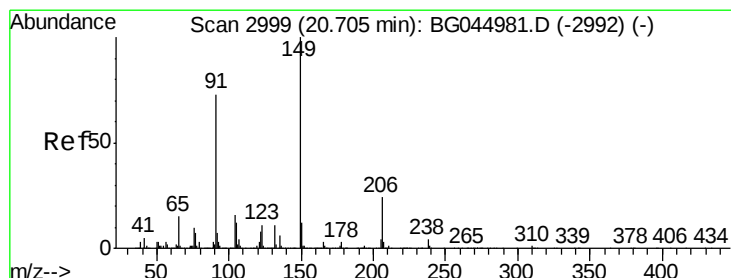
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 38.575 ng

RT: 20.67 min Scan# 2992

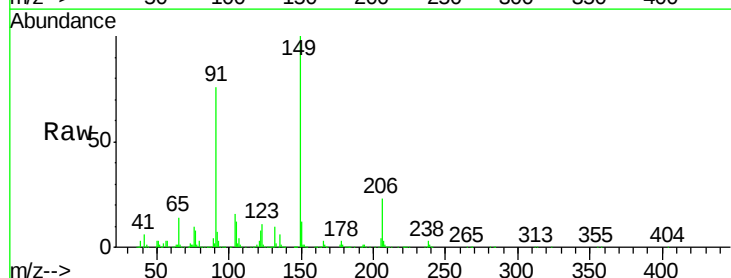
Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:149 Resp: 435014

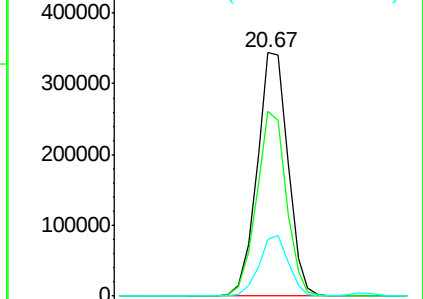
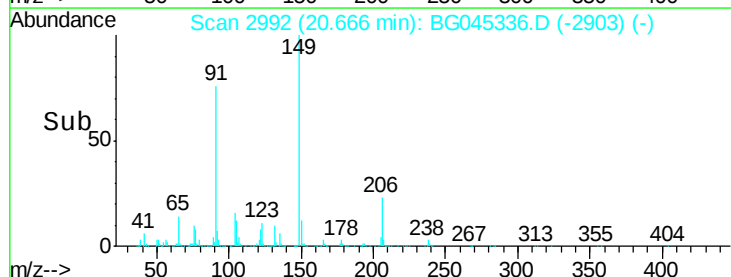
Ion	Ratio	Lower	Upper
149	100		
91	75.7	58.5	87.7
206	23.4	19.2	28.8



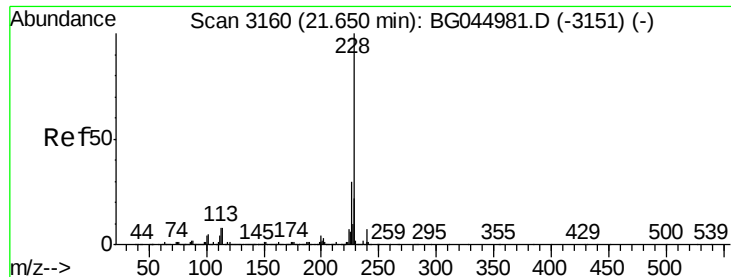
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



Time-->



#81

Benzo(a)anthracene

Concen: 39.547 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

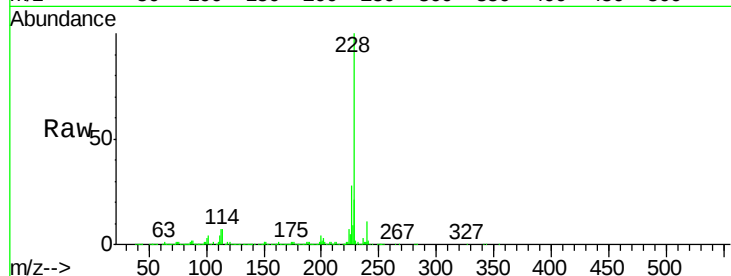
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1011501

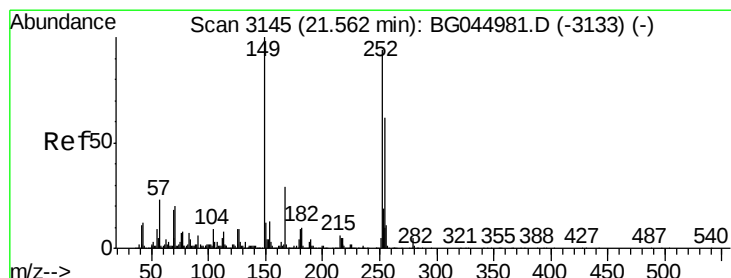
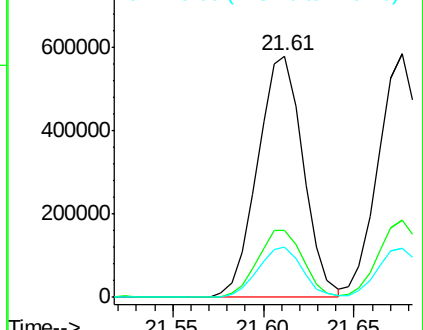
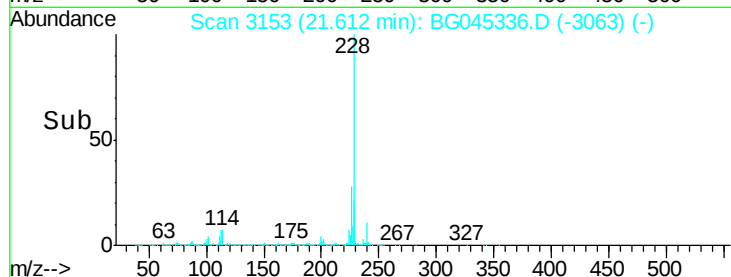
Ion	Ratio	Lower	Upper
228	100		
226	28.0	24.0	36.0
229	20.9	17.5	26.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.533 ng

RT: 21.52 min Scan# 3138

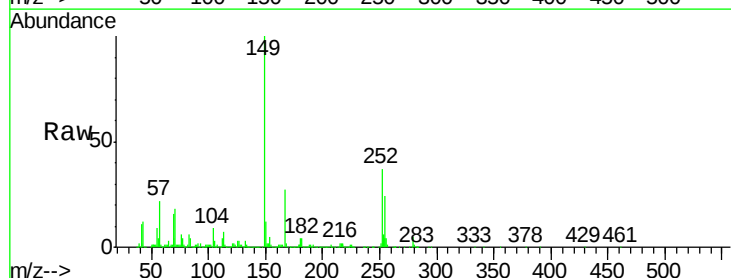
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:252 Resp: 249753

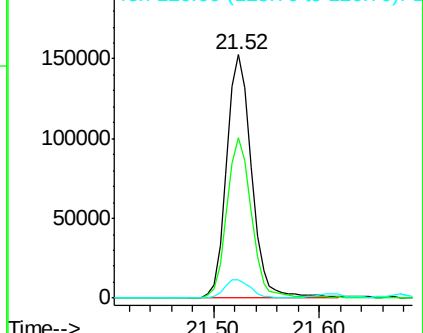
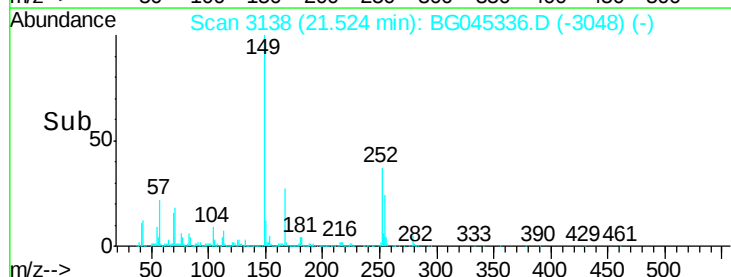
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.6	79.0
126	7.5	7.5	11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.075 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

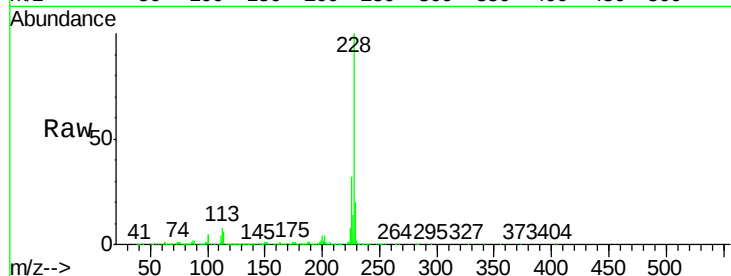
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 960260

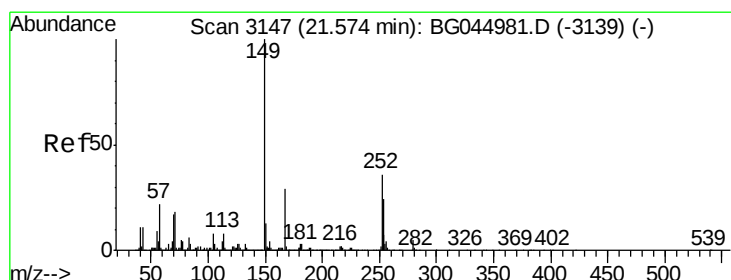
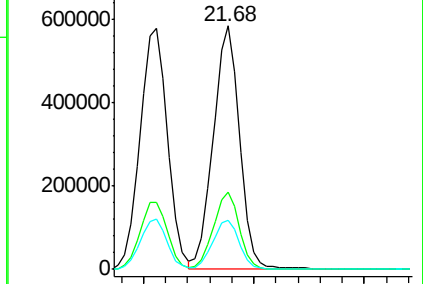
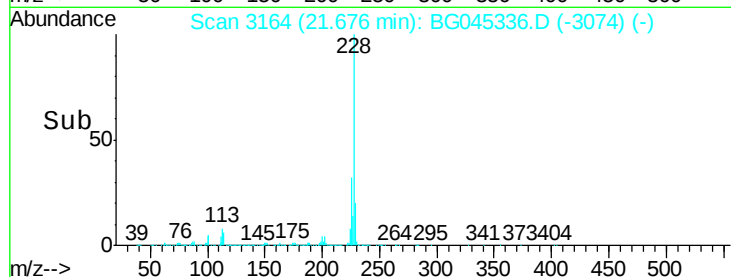
Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	20.1	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.140 ng

RT: 21.53 min Scan# 3139

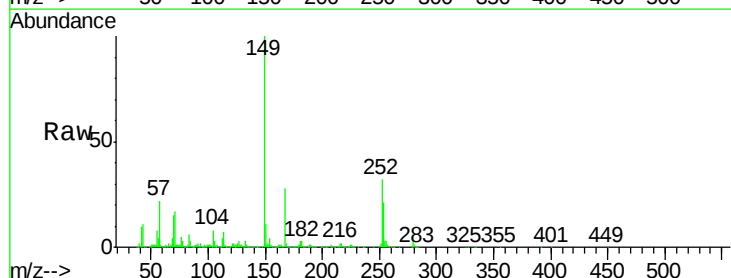
Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Tgt Ion:149 Resp: 607055

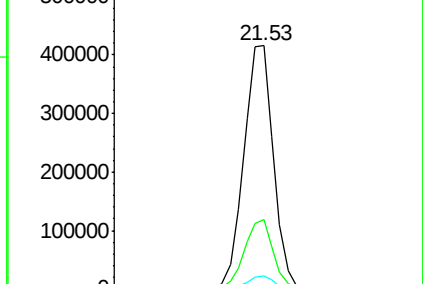
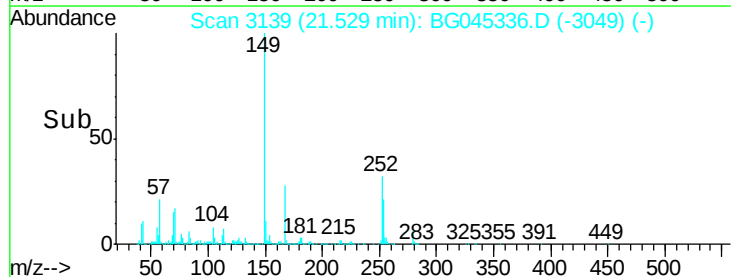
Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.4	35.0
279	5.5	4.3	6.5

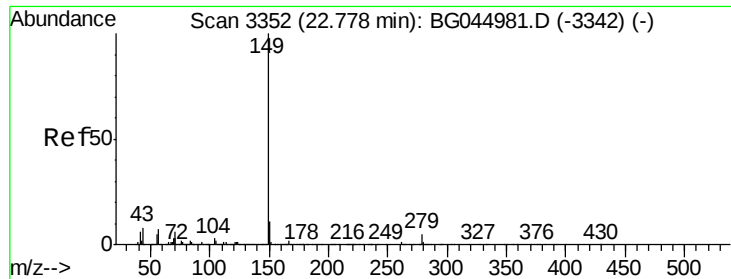


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.375 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

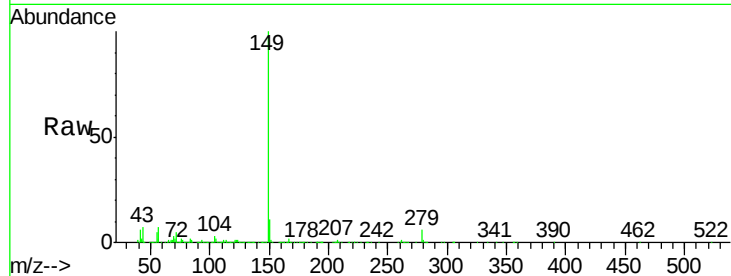
Tot Ion:149 Resp: 1029222

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

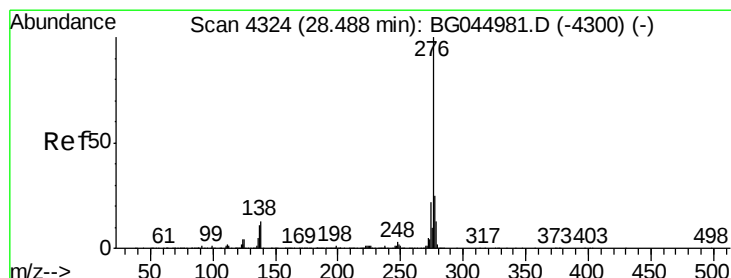
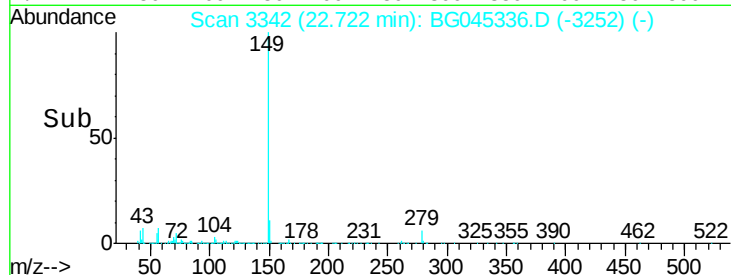
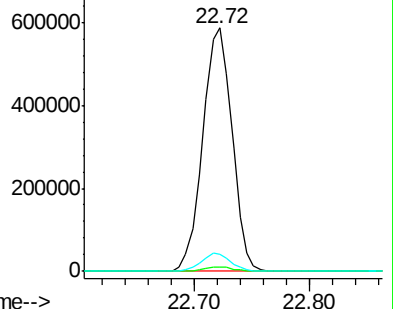
43 7.1 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.396 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

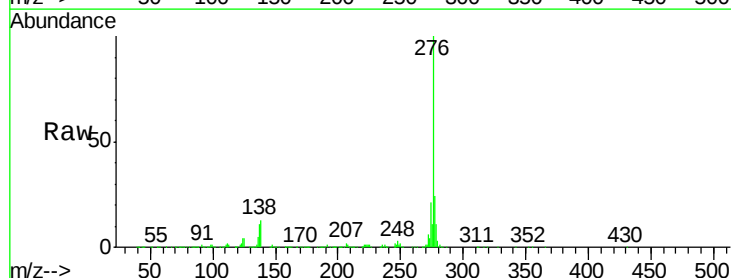
Tgt Ion:276 Resp: 1252782

Ion Ratio Lower Upper

276 100

138 15.4 9.6 14.4#

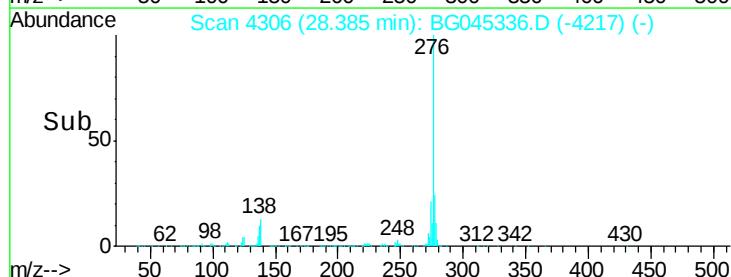
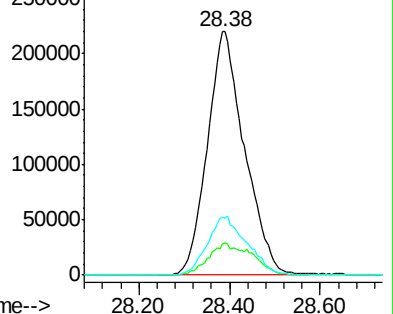
277 25.5 20.6 31.0

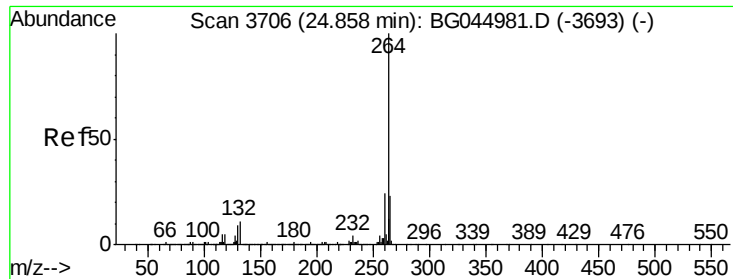


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

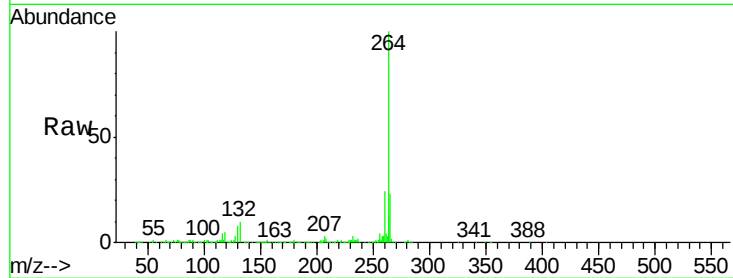
Tot Ion:264 Resp: 444528

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.7 19.0 28.4

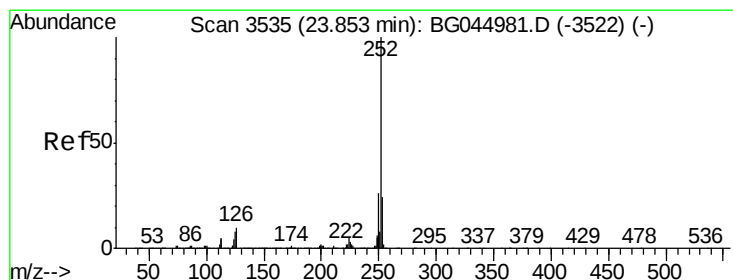
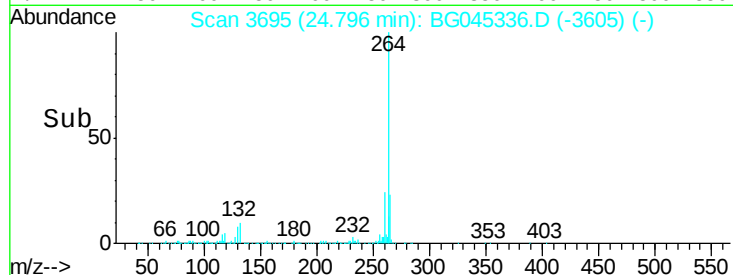
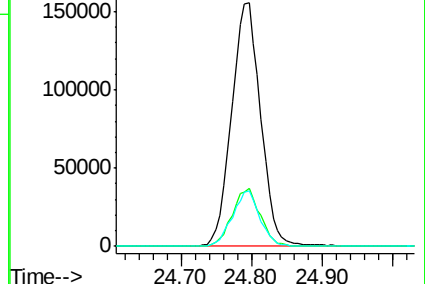


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.80



#88

Benzo(b)fluoranthene

Concen: 36.866 ng

RT: 23.86 min Scan# 3536

Delta R.T. 0.07 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

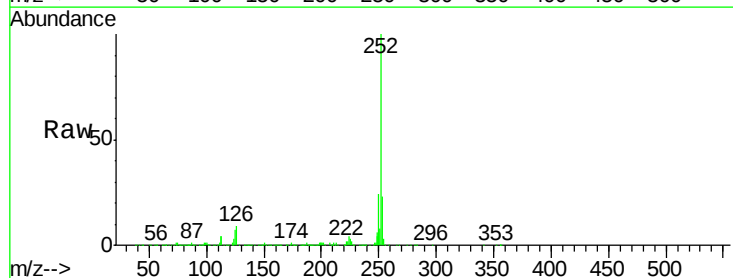
Tgt Ion:252 Resp: 1026529

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

125 7.0 6.2 9.4

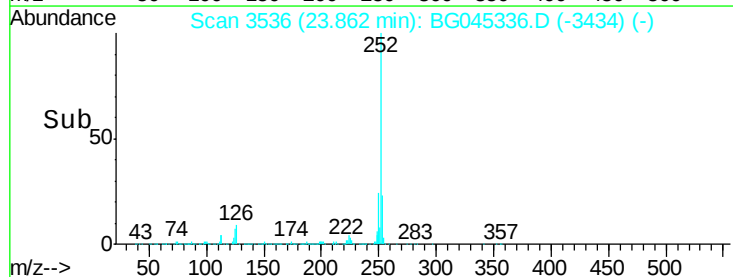
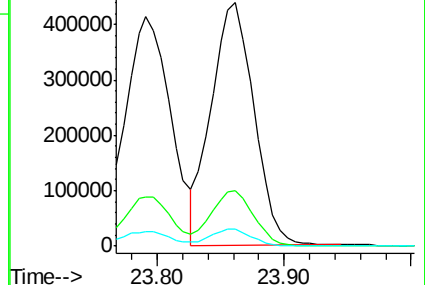


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.86





#89

Benzo(k)fluoranthene

Concen: 38.765 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

Instrument :

BNA_G

ClientSampleId :

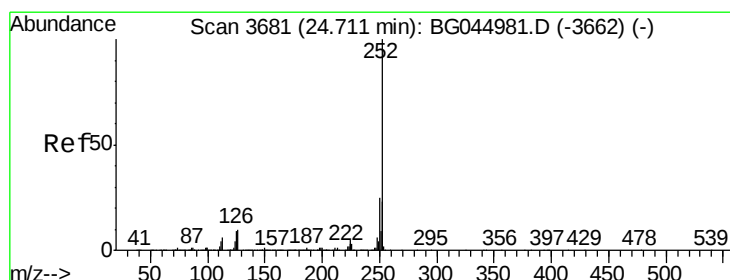
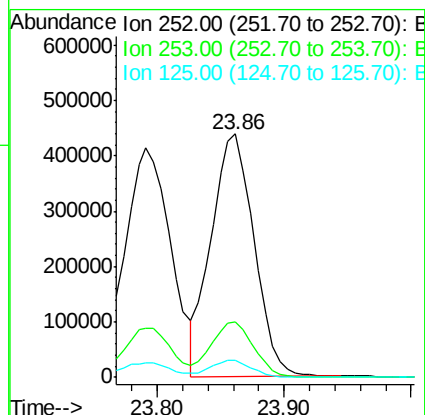
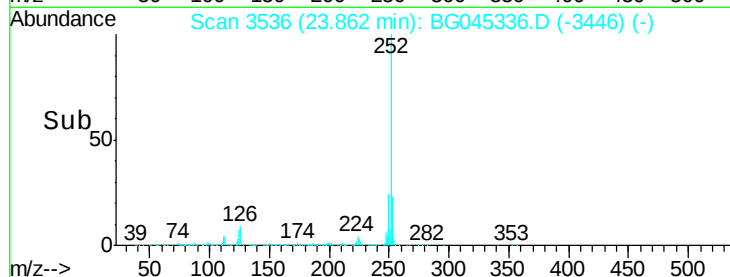
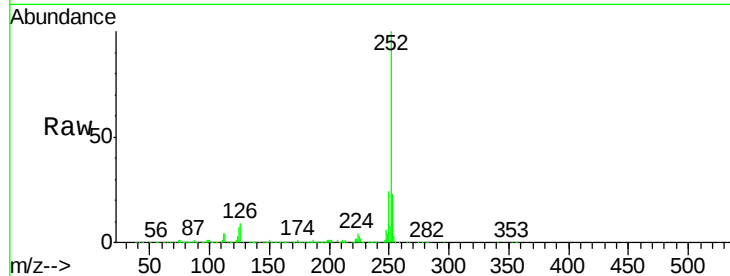
Tot Ion:252 Resp: 1026529

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

125 7.0 5.9 8.9



#90

Benzo(a)pyrene

Concen: 37.143 ng

RT: 24.64 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG045336.D

Acq: 12 May 2020 19:46

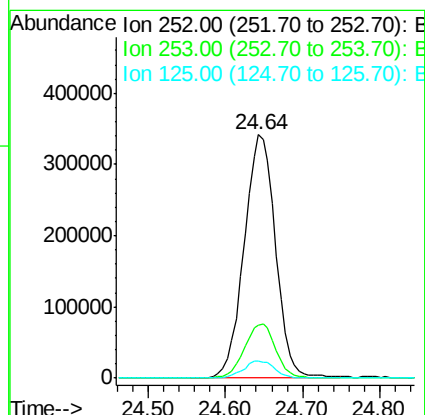
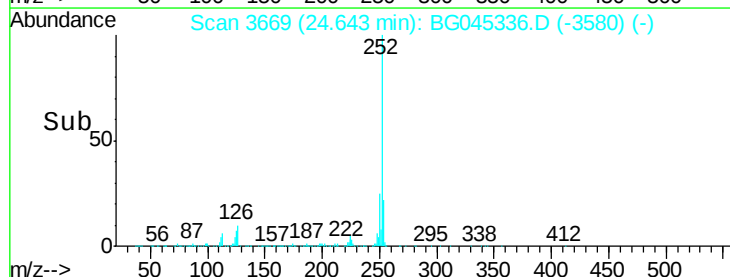
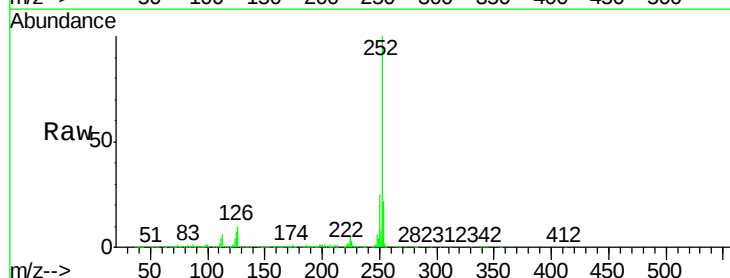
Tgt Ion:252 Resp: 976491

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

125 6.9 7.0 10.6#

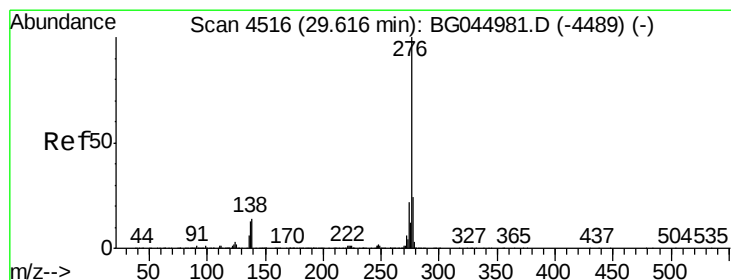
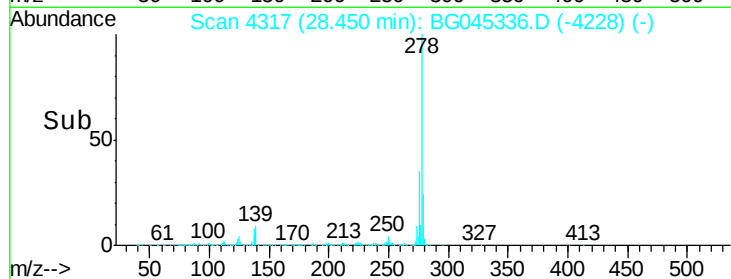
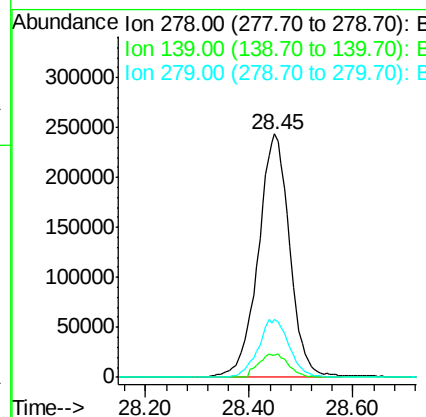
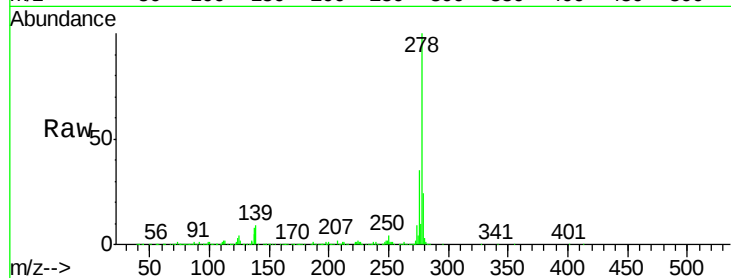




#91
Dibenzo(a,h)anthracene
Concen: 38.623 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1023159
Ion Ratio Lower Upper
278 100
139 9.1 9.0 13.6
279 23.7 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 39.411 ng
RT: 29.52 min Scan# 4499
Delta R.T. 0.00 min
Lab File: BG045336.D
Acq: 12 May 2020 19:46

Tgt Ion:276 Resp: 1046711
Ion Ratio Lower Upper
276 100
277 22.7 19.3 28.9
138 12.7 11.4 17.2

